2.8-3 Money and Financial Problems: Practice Set 3: 2-hour Pack

GL ASSESSMENT GL · Calculators not allowed · about 120 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Kwame makes 42 plant pots for £1.09 each and sells them all for £1.50 each. How much profit does Kwame make?

- [ ] A) £17.22
- [ ] B) £108.78
- [ ] C) £0.41
- [ ] D) £63.00
- [ ] E) £61.91

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2 Megan puts £2,000 in an account paying 2% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £80.00
- [ ] B) £80.80
- [ ] C) £40.00
- [ ] D) £79.80
- [ ] E) £2,080.80

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3 Ffion makes 26 cupcakes for £2.10 each and sells them all for £2.42 each. How much profit does Ffion make?

- [ ] A) £54.60
- [ ] B) £7.32
- [ ] C) £62.92
- [ ] D) £8.32
- [ ] E) £0.32

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4 Maya puts £2,000 in a savings account paying 3% simple interest per year. How much interest has Maya earned after 5 years?

- [ ] A) £300
- [ ] B) £30,000
- [ ] C) £301
- [ ] D) £2,300
- [ ] E) £60

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5 Poppy works at a garden centre for £16 an hour. One week Poppy works 12 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Poppy earn that week?

- [ ] A) £384.00
- [ ] B) £335.00
- [ ] C) £432.00
- [ ] D) £336.00
- [ ] E) £288.00

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6 Chloe makes 27 cupcakes for £0.41 each and sells them all for £0.53 each. Chloe also pays £5 for a stall. How much profit does Chloe make?

- [ ] A) £14.31
- [ ] B) £-1.76
- [ ] C) £0.12
- [ ] D) £3.24
- [ ] E) £8.24

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7 Esme puts £2,000 in a savings account paying 10% simple interest per year. How much interest has Esme earned after 4 years?

- [ ] A) £2,800.00
- [ ] B) £204.00
- [ ] C) £800.00
- [ ] D) £928.20
- [ ] E) £200.00

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8 Aisha works at a cinema for £16 an hour. One week Aisha works 23 normal hours and 4 overtime hours paid at time and a half (1.5 times the normal rate). How much does Aisha earn that week?

- [ ] A) £648.00
- [ ] B) £368.00
- [ ] C) £496.00
- [ ] D) £432.00
- [ ] E) £464.00

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9 Harry puts £800 in a savings account paying 2% simple interest per year. How much interest has Harry earned after 2 years?

- [ ] A) £32.32
- [ ] B) £832.00
- [ ] C) £32.00
- [ ] D) £16.00
- [ ] E) £31.00

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10 Callum works at a garden centre for £12 an hour. One week Callum works 33 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Callum earn that week?

- [ ] A) £468.00
- [ ] B) £503.00
- [ ] C) £702.00
- [ ] D) £504.00
- [ ] E) £540.00

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11 Dylan makes 70 cupcakes for £1.59 each and sells them all for £3.00 each. How much profit does Dylan make?

- [ ] A) £321.30
- [ ] B) £98.70
- [ ] C) £99.70
- [ ] D) £1.41
- [ ] E) £210.00

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12 Megan works at a cafe for £18 an hour. One week Megan works 19 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Megan earn that week?

- ☐ A) £532.00
- ☐ B) £468.00
- ☐ C) £594.00
- ☐ D) £531.00
- ☐ E) £702.00

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13 A cafe bill for four friends comes to £27.60 in total. They split the bill equally, and each friend pays with a £10 note. Work out how much change each friend receives.

(3)

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14 Jack makes 55 plant pots for £1.38 each and sells them all for £1.76 each. Jack also pays £10 for a stall. How much profit does Jack make?

- ☐ A) £20.90
- ☐ B) £10.90
- ☐ C) £30.90
- ☐ D) £96.80
- ☐ E) £0.38

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15 Mei works at a cafe for £8 an hour. One week Mei works 23 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Mei earn that week?

- ☐ A) £269.00
- ☐ B) £268.00
- ☐ C) £240.00
- ☐ D) £184.00
- ☐ E) £296.00

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16 Sana makes 47 cupcakes for £0.58 each and sells them all for £1.42 each. Sana also pays £5 for a stall. How much profit does Sana make?

- [ ] A) £39.48
- [ ] B) £33.48
- [ ] C) £66.74
- [ ] D) £0.84
- [ ] E) £34.48

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17 Amara puts £1,000 in a savings account paying 5% simple interest per year. How much interest has Amara earned after 2 years?

- [ ] A) £101.00
- [ ] B) £102.50
- [ ] C) £50.00
- [ ] D) £1,100.00
- [ ] E) £100.00

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18 Niamh works at a bike shop for £10 an hour. One week Niamh works 19 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Niamh earn that week?

- [ ] A) £230
- [ ] B) £210
- [ ] C) £190
- [ ] D) £220
- [ ] E) £221

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19 Kofi makes 67 friendship bracelets for £2.54 each and sells them all for £3.88 each. How much profit does Kofi make?

- [ ] A) £1.34
- [ ] B) £89.78
- [ ] C) £259.96
- [ ] D) £257.42
- [ ] E) £170.18

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20 Kofi puts £800 in a savings account paying 2.5% simple interest per year. How much interest has Kofi earned after 4 years?

- [ ] A) £20
- [ ] B) £80
- [ ] C) £880
- [ ] D) £24
- [ ] E) £8,000

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21 Yusuf works at a cafe for £14 an hour. One week Yusuf works 17 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Yusuf earn that week?

- [ ] A) £434.00
- [ ] B) £336.00
- [ ] C) £238.00
- [ ] D) £504.00
- [ ] E) £385.00

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22 Ben puts £1,000 in an account paying 5% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £50.00
- [ ] B) £1,102.50
- [ ] C) £101.50
- [ ] D) £102.50
- [ ] E) £100.00

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23 Dylan works at a bike shop for £16 an hour. One week Dylan works 39 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Dylan earn that week?

- [ ] A) £1,080.00
- [ ] B) £720.00
- [ ] C) £816.00
- [ ] D) £768.00
- [ ] E) £633.00

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24 Noah puts £500 in a savings account paying 2.5% simple interest per year. How much interest has Noah earned after 4 years?

- [ ] A) £16.50
- [ ] B) £51.00
- [ ] C) £50.00
- [ ] D) £12.50
- [ ] E) £550.00

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25 Lily makes 14 jars of jam for £2.81 each and sells them all for £4.40 each. How much profit does Lily make?

- [ ] A) £22.26
- [ ] B) £58.79
- [ ] C) £100.94
- [ ] D) £61.60
- [ ] E) £1.59

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26 Lily works at a garden centre for £20 an hour. One week Lily works 16 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Lily earn that week?

- [ ] A) £330.50
- [ ] B) £529.00
- [ ] C) £530.00
- [ ] D) £460.00
- [ ] E) £600.00

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27 Chloe works at a cafe for £14 an hour. One week Chloe works 30 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Chloe earn that week?

- [ ] A) £566.00
- [ ] B) £616.00
- [ ] C) £518.00
- [ ] D) £567.00
- [ ] E) £568.00

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28 Tariq makes 10 plant pots for £2.65 each and sells them all for £3.01 each. Tariq also pays £10 for a stall. How much profit does Tariq make?

- [ ] A) £30.10
- [ ] B) £3.60
- [ ] C) £0.36
- [ ] D) £26.50
- [ ] E) £-6.40

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29 Kofi puts £400 in an account paying 5% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £40.00
- [ ] B) £41.00
- [ ] C) £441.00
- [ ] D) £4,000.00
- [ ] E) £20.00

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30 Ben works at a garden centre for £9 an hour. One week Ben works 13 normal hours and 3 overtime hours paid at time and a half (1.5 times the normal rate). How much does Ben earn that week?

- [ ] A) £157.50
- [ ] B) £158.50
- [ ] C) £144.00
- [ ] D) £171.00
- [ ] E) £156.50

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31 Fatima makes 57 plant pots for £1.74 each and sells them all for £2.64 each. How much profit does Fatima make?

- [ ] A) £150.48
- [ ] B) £0.90
- [ ] C) £249.66
- [ ] D) £51.30
- [ ] E) £148.74

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32 Kofi puts £400 in a savings account paying 5% simple interest per year. How much interest has Kofi earned after 4 years?

- [ ] A) £24
- [ ] B) £20
- [ ] C) £8,000
- [ ] D) £480
- [ ] E) £80

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33 Declan makes 66 friendship bracelets for £0.84 each and sells them all for £1.13 each. Declan also pays £10 for a stall. How much profit does Declan make?

- [ ] A) £0.29
- [ ] B) £10.14
- [ ] C) £19.14
- [ ] D) £9.14
- [ ] E) £74.58

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34 Isla puts £500 in a savings account paying 5% simple interest per year. How much interest has Isla earned after 3 years?

- [ ] A) £28.00
- [ ] B) £575.00
- [ ] C) £25.00
- [ ] D) £76.00
- [ ] E) £75.00

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35 Rhys works at a cafe for £14 an hour. One week Rhys works 31 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Rhys earn that week?

- [ ] A) £518
- [ ] B) £602
- [ ] C) £434
- [ ] D) £559
- [ ] E) £560

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36 Noah puts £1,200 in a savings account paying 6% simple interest per year. How much interest has Noah earned after 2 years?

- ☐ A) £148.32
- ☐ B) £144.00
- ☐ C) £1,344.00
- ☐ D) £72.00
- ☐ E) £74.00

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37 Ffion works at a cafe for £20 an hour. One week Ffion works 17 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Ffion earn that week?

- ☐ A) £570
- ☐ B) £400
- ☐ C) £420
- ☐ D) £380
- ☐ E) £401

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38 A school trip costs £45 per student before any discount.

(a) The school gets a 12% discount for booking 30 students. Work out the discount on one student's trip, then work out the discounted price per student. **(2)**

.....

(b) The school collects £39.60 from each of the 30 students. The coach costs £850 and packed lunches cost £3.50 per student. Work out how much money is left over after paying for the coach and all the packed lunches. **(2)**

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39 Esme puts £200 in a savings account paying 2.5% simple interest per year. How much interest has Esme earned after 3 years?

- ☐ A) £14.00
- ☐ B) £15.00
- ☐ C) £5.00
- ☐ D) £215.00
- ☐ E) £8.00

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40 Tom works at a cinema for £16 an hour. One week Tom works 23 normal hours and 8 overtime hours paid at time and a half (1.5 times the normal rate). How much does Tom earn that week?

- [ ] A) £624
- [ ] B) £559
- [ ] C) £744
- [ ] D) £496
- [ ] E) £560

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41 Oliver makes 49 jars of jam for £0.68 each and sells them all for £1.50 each. How much profit does Oliver make?

- [ ] A) £41.18
- [ ] B) £106.82
- [ ] C) £40.18
- [ ] D) £0.82
- [ ] E) £73.50

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42 Ethan puts £200 in an account paying 10% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £41.00
- [ ] B) £20.00
- [ ] C) £242.00
- [ ] D) £42.00
- [ ] E) £40.00

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43 Leo works at a bike shop for £8 an hour. One week Leo works 16 normal hours and 8 overtime hours paid at time and a half (1.5 times the normal rate). How much does Leo earn that week?

- [ ] A) £256.00
- [ ] B) £192.00
- [ ] C) £223.00
- [ ] D) £224.00
- [ ] E) £128.00

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44 Mei makes 15 cupcakes for £1.08 each and sells them all for £1.75 each. Mei also pays £20 for a stall. How much profit does Mei make?

- [ ] A) £26.25
- [ ] B) £-8.95
- [ ] C) £-9.95
- [ ] D) £16.20
- [ ] E) £0.67

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45 Ethan puts £400 in a savings account paying 2% simple interest per year. How much interest has Ethan earned after 5 years?

- [ ] A) £13
- [ ] B) £40
- [ ] C) £8
- [ ] D) £440
- [ ] E) £41

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46 Sana makes 52 jars of jam for £0.46 each and sells them all for £0.56 each. Sana also pays £20 for a stall. How much profit does Sana make?

- [ ] A) £0.10
- [ ] B) £25.20
- [ ] C) £-14.80
- [ ] D) £-15.80
- [ ] E) £29.12

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47 Leon is organising a class party with a budget of £40.

(a) He buys 6 packets of balloons at 85p each and 4 rolls of streamers at £1.35 each. Work out the total cost of the balloons and streamers. **(2)**

.....

(b) He also needs cups. Shop A sells 20 cups for £2.40. Shop B sells 30 cups for £3.30. Work out which shop offers better value per cup, and the price per cup there. **(2)**

.....

(c) Leon buys the cups from the cheaper shop. Using his total spending on balloons, streamers (£10.50) and cups (£3.30), work out how much of his £40 budget remains. **(1)**

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48 Ffion puts £800 in a savings account paying 5% simple interest per year. How much interest has Ffion earned after 5 years?

- ☐ A) £200
- ☐ B) £40
- ☐ C) £201
- ☐ D) £1,000
- ☐ E) £20,000

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49 Oliver makes 34 jars of jam for £1.52 each and sells them all for £2.04 each. Oliver also pays £20 for a stall. How much profit does Oliver make?

- ☐ A) £-3.32
- ☐ B) £-1.32
- ☐ C) £-2.32
- ☐ D) £0.52
- ☐ E) £69.36

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50 Zainab puts £200 in an account paying 6% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £2,400.00
- [ ] B) £12.00
- [ ] C) £23.72
- [ ] D) £24.72
- [ ] E) £24.00

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51 Leo works at a bike shop for £18 an hour. One week Leo works 19 normal hours and 5 overtime hours paid at time and a half (1.5 times the normal rate). How much does Leo earn that week?

- [ ] A) £478.00
- [ ] B) £432.00
- [ ] C) £522.00
- [ ] D) £476.00
- [ ] E) £477.00

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52 Anya puts £250 in an account paying 4% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £20.40
- [ ] B) £20.00
- [ ] C) £21.40
- [ ] D) £2,000.00
- [ ] E) £10.00

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53 Callum makes 18 cupcakes for £1.56 each and sells them all for £1.76 each. How much profit does Callum make?

- [ ] A) £0.20
- [ ] B) £31.68
- [ ] C) £3.60
- [ ] D) £59.76
- [ ] E) £2.60

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54 Aisha works at a cinema for £9 an hour. One week Aisha works 39 normal hours and 5 overtime hours paid at time and a half (1.5 times the normal rate). How much does Aisha earn that week?

- [ ] A) £418.50
- [ ] B) £396.00
- [ ] C) £441.00
- [ ] D) £417.50
- [ ] E) £594.00

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55 Priya puts £1,200 in a savings account paying 3% simple interest per year. How much interest has Priya earned after 2 years?

- [ ] A) £1,272.00
- [ ] B) £72.00
- [ ] C) £71.00
- [ ] D) £36.00
- [ ] E) £73.08

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56 Dylan works at a cinema for £14 an hour. One week Dylan works 29 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Dylan earn that week?

- [ ] A) £574.00
- [ ] B) £735.00
- [ ] C) £415.00
- [ ] D) £532.00
- [ ] E) £490.00

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57 Rhys makes 33 cupcakes for £1.96 each and sells them all for £3.42 each. Rhys also pays £5 for a stall. How much profit does Rhys make?

- [ ] A) £1.46
- [ ] B) £112.86
- [ ] C) £53.18
- [ ] D) £43.18
- [ ] E) £48.18

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58 Harry works at a garden centre for £9 an hour. One week Harry works 38 normal hours and 4 overtime hours paid at time and a half (1.5 times the normal rate). How much does Harry earn that week?

- [ ] A) £378.00
- [ ] B) £414.00
- [ ] C) £567.00
- [ ] D) £396.00
- [ ] E) £397.00

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59 Tom makes 49 friendship bracelets for £2.34 each and sells them all for £3.30 each. Tom also pays £20 for a stall. How much profit does Tom make?

- [ ] A) £47.04
- [ ] B) £27.04
- [ ] C) £161.70
- [ ] D) £0.96
- [ ] E) £67.04

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60 Zainab puts £800 in a savings account paying 10% simple interest per year. How much interest has Zainab earned after 4 years?

- [ ] A) £80.00
- [ ] B) £320.00
- [ ] C) £371.28
- [ ] D) £1,120.00
- [ ] E) £32,000.00

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61 Esme makes 56 cupcakes for £2.78 each and sells them all for £4.20 each. How much profit does Esme make?

- [ ] A) £235.20
- [ ] B) £78.52
- [ ] C) £80.52
- [ ] D) £79.52
- [ ] E) £1.42

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62 Kwame works at a bike shop for £16 an hour. One week Kwame works 31 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Kwame earn that week?

- [ ] A) £639
- [ ] B) £592
- [ ] C) £640
- [ ] D) £688
- [ ] E) £496

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63 Chloe puts £1,200 in a savings account paying 4% simple interest per year. How much interest has Chloe earned after 3 years?

- [ ] A) £51.00
- [ ] B) £48.00
- [ ] C) £1,344.00
- [ ] D) £144.00
- [ ] E) £14,400.00

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64 Imogen makes 39 cupcakes for £0.65 each and sells them all for £0.96 each. How much profit does Imogen make?

- [ ] A) £25.35
- [ ] B) £36.79
- [ ] C) £0.31
- [ ] D) £12.09
- [ ] E) £37.44

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65 Poppy puts £400 in a savings account paying 3% simple interest per year. How much interest has Poppy earned after 5 years?

- [ ] A) £17
- [ ] B) £12
- [ ] C) £60
- [ ] D) £460
- [ ] E) £59

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66 Kofi works at a bike shop for £12 an hour. One week Kofi works 32 normal hours and 5 overtime hours paid at time and a half (1.5 times the normal rate). How much does Kofi earn that week?

- [ ] A) £474.00
- [ ] B) £473.00
- [ ] C) £444.00
- [ ] D) £475.00
- [ ] E) £504.00

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67 Callum is paid £8.50 for each hour he works at a garden centre. He works for 6 hours. Work out how much he is paid.

- [ ] A) £48.00
- [ ] B) £54.00
- [ ] C) £14.50
- [ ] D) £51.00
- [ ] E) £57.00

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68 A shop sells packs of playing cards at £4 each. The shop has an offer: when you buy one pack at full price, the next pack is half price. Work out the total cost of buying 4 packs, paying full price for one pack in each pair.

- [ ] A) £8.00
- [ ] B) £12.00
- [ ] C) £14.00
- [ ] D) £16.00
- [ ] E) £6.00

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69 A museum charges £12 for an adult ticket and £7 for a child ticket. A family buys tickets for 2 adults and 3 children. Work out the total cost.

- [ ] A) £19
- [ ] B) £35
- [ ] C) £38
- [ ] D) £60
- [ ] E) £45

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70 Cheese costs £6.80 per kilogram. Work out the cost of 250 g of cheese.

- [ ] A) £1.70
- [ ] B) £0.68
- [ ] C) £3.40
- [ ] D) £6.80
- [ ] E) £27.20

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71 A charity box contains only 20p coins. The coins are worth £7 in total. Work out how many coins are in the box.

- [ ] A) 14
- [ ] B) 28
- [ ] C) 70
- [ ] D) 140
- [ ] E) 35

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72 Fatima makes 64 jars of jam for £1.72 each and sells them all for £2.65 each. How much profit does Fatima make?

- [ ] A) £0.93
- [ ] B) £279.68
- [ ] C) £169.60
- [ ] D) £59.52
- [ ] E) £167.88

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73 Noah puts £500 in a savings account paying 2% simple interest per year. How much interest has Noah earned after 3 years?

- [ ] A) £13
- [ ] B) £30
- [ ] C) £530
- [ ] D) £29
- [ ] E) £10

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74 Kofi works at a cafe for £10 an hour. One week Kofi works 13 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Kofi earn that week?

- [ ] A) £133
- [ ] B) £150
- [ ] C) £161
- [ ] D) £170
- [ ] E) £160

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75 Amara makes 48 friendship bracelets for £0.74 each and sells them all for £2.10 each. Amara also pays £20 for a stall. How much profit does Amara make?

- [ ] A) £65.28
- [ ] B) £85.28
- [ ] C) £1.36
- [ ] D) £45.28
- [ ] E) £100.80

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76 Grace puts £200 in a savings account paying 3% simple interest per year. How much interest has Grace earned after 2 years?

- [ ] A) £12.18
- [ ] B) £11.00
- [ ] C) £6.00
- [ ] D) £12.00
- [ ] E) £212.00

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77 Oliver works at a cafe for £20 an hour. One week Oliver works 39 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Oliver earn that week?

- [ ] A) £789
- [ ] B) £960
- [ ] C) £1,020
- [ ] D) £900
- [ ] E) £1,350

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78 Kwame makes 39 friendship bracelets for £2.80 each and sells them all for £3.92 each. Kwame also pays £5 for a stall. How much profit does Kwame make?

- [ ] A) £39.68
- [ ] B) £1.12
- [ ] C) £38.68
- [ ] D) £109.20
- [ ] E) £152.88

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79 Jack puts £100 in a savings account paying 5% simple interest per year. How much interest has Jack earned after 3 years?

- [ ] A) £115.00
- [ ] B) £15.00
- [ ] C) £16.00
- [ ] D) £14.00
- [ ] E) £5.00

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80 Sienna works at a cinema for £12 an hour. One week Sienna works 31 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Sienna earn that week?

- [ ] A) £516
- [ ] B) £444
- [ ] C) £479
- [ ] D) £666
- [ ] E) £480

---

81 Jack makes 64 friendship bracelets for £0.63 each and sells them all for £2.11 each. Jack also pays £20 for a stall. How much profit does Jack make?

- [ ] A) £135.04
- [ ] B) £74.72
- [ ] C) £75.72
- [ ] D) £1.48
- [ ] E) £73.72

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82 Ewan works at a cafe for £10 an hour. One week Ewan works 26 normal hours and 6 overtime hours paid at time and a half (1.5 times the normal rate). How much does Ewan earn that week?

- [ ] A) £320
- [ ] B) £260
- [ ] C) £380
- [ ] D) £350
- [ ] E) £349

---

83 Declan makes 24 friendship bracelets for £1.27 each and sells them all for £1.61 each. Declan also pays £5 for a stall. How much profit does Declan make?

- [ ] A) £0.34
- [ ] B) £3.16
- [ ] C) £4.16
- [ ] D) £38.64
- [ ] E) £30.48

---

84 Kofi works at a bike shop for £9 an hour. One week Kofi works 24 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Kofi earn that week?

- [ ] A) £310.50
- [ ] B) £279.00
- [ ] C) £342.00
- [ ] D) £309.50
- [ ] E) £311.50

---

85 Sienna makes 32 cupcakes for £1.34 each and sells them all for £2.90 each. How much profit does Sienna make?

- [ ] A) £48.92
- [ ] B) £49.92
- [ ] C) £1.56
- [ ] D) £92.80
- [ ] E) £50.92

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86 Anya puts £2,000 in a savings account paying 10% simple interest per year. How much interest has Anya earned after 3 years?

- [ ] A) £200
- [ ] B) £203
- [ ] C) £2,600
- [ ] D) £600
- [ ] E) £599

---

87 Sienna makes 18 jars of jam for £1.58 each and sells them all for £1.93 each. How much profit does Sienna make?

- [ ] A) £6.30
- [ ] B) £0.35
- [ ] C) £5.30
- [ ] D) £34.74
- [ ] E) £63.18

---

88 Ffion puts £1,500 in a savings account paying 1.5% simple interest per year. How much interest has Ffion earned after 2 years?

- [ ] A) £45.00
- [ ] B) £4,500.00
- [ ] C) £22.50
- [ ] D) £44.00
- [ ] E) £1,545.00

---

89 Anya works at a cinema for £18 an hour. One week Anya works 18 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Anya earn that week?

- [ ] A) £576.00
- [ ] B) £513.00
- [ ] C) £512.00
- [ ] D) £450.00
- [ ] E) £334.50

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90 Declan makes 78 jars of jam for £1.80 each and sells them all for £3.10 each. How much profit does Declan make?

- [ ] A) £100.40
- [ ] B) £1.30
- [ ] C) £241.80
- [ ] D) £140.40
- [ ] E) £101.40

---

91 Rhys puts £200 in an account paying 2% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £8.00
- [ ] B) £7.08
- [ ] C) £208.08
- [ ] D) £8.08
- [ ] E) £4.00

---

92 Sana works at a bike shop for £20 an hour. One week Sana works 22 normal hours and 5 overtime hours paid at time and a half (1.5 times the normal rate). How much does Sana earn that week?

- [ ] A) £440.00
- [ ] B) £589.00
- [ ] C) £640.00
- [ ] D) £540.00
- [ ] E) £590.00

---

93 Maya puts £1,500 in a savings account paying 10% simple interest per year. How much interest has Maya earned after 3 years?

- [ ] A) £496.50
- [ ] B) £450.00
- [ ] C) £1,950.00
- [ ] D) £150.00
- [ ] E) £45,000.00

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94 Callum works at a garden centre for £12 an hour. One week Callum works 29 normal hours and 4 overtime hours paid at time and a half (1.5 times the normal rate). How much does Callum earn that week?

- [ ] A) £594
- [ ] B) £421
- [ ] C) £420
- [ ] D) £396
- [ ] E) £444

---

95 Zainab makes 36 cupcakes for £1.09 each and sells them all for £2.99 each. Zainab also pays £5 for a stall. How much profit does Zainab make?

- [ ] A) £63.40
- [ ] B) £1.90
- [ ] C) £107.64
- [ ] D) £64.40
- [ ] E) £73.40

---

96 Imogen works at a cinema for £16 an hour. One week Imogen works 18 normal hours and 5 overtime hours paid at time and a half (1.5 times the normal rate). How much does Imogen earn that week?

- [ ] A) £448.00
- [ ] B) £368.00
- [ ] C) £409.00
- [ ] D) £552.00
- [ ] E) £408.00

---

97 Leo makes 13 jars of jam for £2.89 each and sells them all for £4.56 each. Leo also pays £20 for a stall. How much profit does Leo make?

- [ ] A) £37.57
- [ ] B) £0.71
- [ ] C) £59.28
- [ ] D) £1.71
- [ ] E) £1.67

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98 Ben puts £300 in a savings account paying 3% simple interest per year. How much interest has Ben earned after 5 years?

- [ ] A) £14.00
- [ ] B) £4,500.00
- [ ] C) £345.00
- [ ] D) £45.00
- [ ] E) £9.00

---

99 Chloe buys 4 identical fridge magnets for £1.60 in total. Work out the cost of one magnet.

- [ ] A) 50p
- [ ] B) 40p
- [ ] C) 30p
- [ ] D) 80p
- [ ] E) 20p

---

100 Amara makes 65 jars of jam for £0.95 each and sells them all for £1.52 each. Amara also pays £5 for a stall. How much profit does Amara make?

- [ ] A) £98.80
- [ ] B) £42.05
- [ ] C) £32.05
- [ ] D) £31.05
- [ ] E) £0.57

---

101 Mei puts £2,000 in a savings account paying 6% simple interest per year. How much interest has Mei earned after 3 years?

- [ ] A) £120
- [ ] B) £36,000
- [ ] C) £123
- [ ] D) £360
- [ ] E) £2,360

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102 Callum works at a cinema for £9 an hour. One week Callum works 12 normal hours and 7 overtime hours paid at time and a half (1.5 times the normal rate). How much does Callum earn that week?

- [ ] A) £171.00
- [ ] B) £202.50
- [ ] C) £234.00
- [ ] D) £201.50
- [ ] E) £203.50

---

103 Declan makes 58 jars of jam for £1.77 each and sells them all for £2.02 each. Declan also pays £5 for a stall. How much profit does Declan make?

- [ ] A) £9.50
- [ ] B) £14.50
- [ ] C) £117.16
- [ ] D) £8.50
- [ ] E) £0.25

---

104 Aisha puts £100 in an account paying 2% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £2.00
- [ ] B) £4.00
- [ ] C) £4.04
- [ ] D) £400.00
- [ ] E) £5.04

---

105 Callum works at a garden centre for £16 an hour. One week Callum works 11 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Callum earn that week?

- [ ] A) £240.00
- [ ] B) £223.00
- [ ] C) £208.00
- [ ] D) £176.00
- [ ] E) £224.00

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106 Rhys puts £800 in a savings account paying 1.5% simple interest per year. How much interest has Rhys earned after 3 years?

- [ ] A) £36.00
- [ ] B) £35.00
- [ ] C) £12.00
- [ ] D) £836.00
- [ ] E) £37.00

---

107 Tom works at a bike shop for £14 an hour. One week Tom works 40 normal hours and 3 overtime hours paid at time and a half (1.5 times the normal rate). How much does Tom earn that week?

- [ ] A) £644.00
- [ ] B) £602.00
- [ ] C) £903.00
- [ ] D) £560.00
- [ ] E) £623.00

---

108 Jack makes 61 cupcakes for £2.62 each and sells them all for £2.82 each. How much profit does Jack make?

- [ ] A) £11.20
- [ ] B) £12.20
- [ ] C) £172.02
- [ ] D) £0.20
- [ ] E) £13.20

---

109 Ewan puts £1,200 in a savings account paying 10% simple interest per year. How much interest has Ewan earned after 2 years?

- [ ] A) £240
- [ ] B) £122
- [ ] C) £120
- [ ] D) £1,440
- [ ] E) £239

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110 Harry works at a cinema for £18 an hour. One week Harry works 27 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Harry earn that week?

- [ ] A) £522
- [ ] B) £558
- [ ] C) £486
- [ ] D) £541
- [ ] E) £540

---

111 Leo makes 12 jars of jam for £1.08 each and sells them all for £1.43 each. How much profit does Leo make?

- [ ] A) £4.20
- [ ] B) £16.08
- [ ] C) £0.35
- [ ] D) £3.20
- [ ] E) £17.16

---

112 Tom works at a cafe for £12 an hour. One week Tom works 29 normal hours and 2 overtime hours paid at time and a half (1.5 times the normal rate). How much does Tom earn that week?

- [ ] A) £383.00
- [ ] B) £348.00
- [ ] C) £396.00
- [ ] D) £384.00
- [ ] E) £372.00

---

113 Maya makes 49 friendship bracelets for £2.88 each and sells them all for £3.24 each. How much profit does Maya make?

- [ ] A) £0.36
- [ ] B) £17.64
- [ ] C) £299.88
- [ ] D) £155.88
- [ ] E) £158.76

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114 Amara puts £2,000 in an account paying 3% compound interest per year. How much interest is earned after 2 years?

- [ ] A) £120.80
- [ ] B) £121.80
- [ ] C) £120.00
- [ ] D) £60.00
- [ ] E) £12,000.00

---

115 Maya works at a bike shop for £9 an hour. One week Maya works 14 normal hours and 4 overtime hours paid at time and a half (1.5 times the normal rate). How much does Maya earn that week?

- [ ] A) £198
- [ ] B) £162
- [ ] C) £179
- [ ] D) £181
- [ ] E) £180

---

116 Arjun makes 43 cupcakes for £0.35 each and sells them all for £1.23 each. How much profit does Arjun make?

- [ ] A) £15.05
- [ ] B) £52.89
- [ ] C) £0.88
- [ ] D) £67.94
- [ ] E) £37.84

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117 Poppy puts £1,200 in a savings account paying 3% simple interest per year. How much interest has Poppy earned after 3 years?

- [ ] A) £108.00
- [ ] B) £36.00
- [ ] C) £1,308.00
- [ ] D) £39.00
- [ ] E) £10,800.00

---

118 Leo makes 65 cupcakes for £1.84 each and sells them all for £2.14 each. Leo also pays £5 for a stall. How much profit does Leo make?

- [ ] A) £139.10
- [ ] B) £14.50
- [ ] C) £13.50
- [ ] D) £0.30
- [ ] E) £19.50

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Mark scheme · 2.8-3 Money and Financial Problems: Practice Set 3: 2-hour Pack

Question 1

correct option A (£17.22) cao **B1**

Answer: A) £17.22

Question 2

correct option B (£80.80) cao **B1**

Answer: B) £80.80

Question 3

correct option D (£8.32) cao **B1**

Answer: D) £8.32

Question 4

correct option A (£300) cao **B1**

Answer: A) £300

Question 5

correct option D (£336.00) cao **B1**

Answer: D) £336.00

Question 6

correct option B (£-1.76) cao **B1**

Answer: B) £-1.76

Question 7

correct option C (£800.00) cao **B1**

Answer: C) £800.00

Question 8

correct option E (£464.00) cao **B1**

Answer: E) £464.00

Question 9

correct option C (£32.00) cao **B1**

Answer: C) £32.00

Question 10

correct option D (£504.00) cao **B1**

Answer: D) £504.00

Question 11

correct option B (£98.70) cao **B1**

Answer: B) £98.70

Question 12

correct option D (£531.00) cao **B1**

Answer: D) £531.00

Question 13

27.60 / 4 = 6.90 (each person's share) **M1**

correct method for change per person, ft **M1**

3.10 cao **A1**

Answer: £3.10

Question 14

correct option B (£10.90) cao **B1**

Answer: B) £10.90

Question 15

correct option B (£268.00) cao **B1**

Answer: B) £268.00

Question 16

correct option E (£34.48) cao **B1**

Answer: E) £34.48

Question 17

correct option E (£100.00) cao **B1**

Answer: E) £100.00

Question 18

correct option D (£220) cao **B1**

Answer: D) £220

Question 19

correct option B (£89.78) cao **B1**

Answer: B) £89.78

Question 20

correct option B (£80) cao **B1**

Answer: B) £80

Question 21

correct option E (£385.00) cao **B1**

Answer: E) £385.00

Question 22

correct option D (£102.50) cao **B1**

Answer: D) £102.50

Question 23

correct option D (£768.00) cao **B1**

Answer: D) £768.00

Question 24

correct option C (£50.00) cao **B1**

Answer: C) £50.00

Question 25

correct option A (£22.26) cao **B1**

Answer: A) £22.26

Question 26

correct option C (£530.00) cao **B1**

Answer: C) £530.00

Question 27

correct option D (£567.00) cao **B1**

Answer: D) £567.00

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Question 28

correct option E (£-6.40) cao **B1**

Answer: E) £-6.40

Question 29

correct option B (£41.00) cao **B1**

Answer: B) £41.00

Question 30

correct option A (£157.50) cao **B1**

Answer: A) £157.50

Question 31

correct option D (£51.30) cao **B1**

Answer: D) £51.30

Question 32

correct option E (£80) cao **B1**

Answer: E) £80

Question 33

correct option D (£9.14) cao **B1**

Answer: D) £9.14

Question 34

correct option E (£75.00) cao **B1**

Answer: E) £75.00

Question 35

correct option E (£560) cao **B1**

Answer: E) £560

Question 36

correct option B (£144.00) cao **B1**

Answer: B) £144.00

Question 37

correct option B (£400) cao **B1**

Answer: B) £400

Question 38

(a) 12% of 45 = 5.40 **M1**

(a) 39.60 cao **A1**

(a) Answer: £39.60 per student (discount of £5.40)

(b) total collected = 30 x 39.60 = 1188.00, or total costs = 850 + (30 x 3.50) = 955.00 (oe) **M1**

(b) 233.00 cao **A1**

(b) Answer: £233.00

Question 39

correct option B (£15.00) cao **B1**

Answer: B) £15.00

Question 40

correct option E (£560) cao **B1**

Answer: E) £560

Question 41

correct option C (£40.18) cao **B1**

Answer: C) £40.18

Question 42

correct option D (£42.00) cao **B1**

Answer: D) £42.00

Question 43

correct option D (£224.00) cao **B1**

Answer: D) £224.00

Question 44

correct option C (£-9.95) cao **B1**

Answer: C) £-9.95

Question 45

correct option B (£40) cao **B1**

Answer: B) £40

Question 46

correct option C (£-14.80) cao **B1**

Answer: C) £-14.80

Question 47

(a) 6 x 0.85 = 5.10 and 4 x 1.35 = 5.40 (oe) **M1**

(a) 10.50 cao **A1**

(a) Answer: £10.50

(b) both unit prices correct: 12p (Shop A) and 11p (Shop B) **M1**

(b) Shop B, 11p per cup stated, cao **A1**

(b) Answer: Shop B, 11p per cup

(c) 26.20 cao, ft from parts a and b **B1**

(c) Answer: £26.20

Question 48

correct option A (£200) cao **B1**

Answer: A) £200

Question 49

correct option C (£-2.32) cao **B1**

Answer: C) £-2.32

Question 50

correct option D (£24.72) cao **B1**

Answer: D) £24.72

Question 51

correct option E (£477.00) cao **B1**

Answer: E) £477.00

Question 52

correct option A (£20.40) cao **B1**

Answer: A) £20.40

Question 53

correct option C (£3.60) cao **B1**

Answer: C) £3.60

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Question 54

correct option A (£418.50) cao **B1**

Answer: A) £418.50

Question 55

correct option B (£72.00) cao **B1**

Answer: B) £72.00

Question 56

correct option D (£532.00) cao **B1**

Answer: D) £532.00

Question 57

correct option D (£43.18) cao **B1**

Answer: D) £43.18

Question 58

correct option D (£396.00) cao **B1**

Answer: D) £396.00

Question 59

correct option B (£27.04) cao **B1**

Answer: B) £27.04

Question 60

correct option B (£320.00) cao **B1**

Answer: B) £320.00

Question 61

correct option D (£79.52) cao **B1**

Answer: D) £79.52

Question 62

correct option C (£640) cao **B1**

Answer: C) £640

Question 63

correct option D (£144.00) cao **B1**

Answer: D) £144.00

Question 64

correct option D (£12.09) cao **B1**

Answer: D) £12.09

Question 65

correct option C (£60) cao **B1**

Answer: C) £60

Question 66

correct option A (£474.00) cao **B1**

Answer: A) £474.00

Question 67

D) £51.00 - correct answer **B1**

Answer: £51.00

Question 68

B) £12.00 - correct answer **B1**

Answer: £12.00

Question 69

E) £45 - correct answer **B1**

Answer: £45

Question 70

A) £1.70 - correct answer **B1**

Answer: £1.70

Question 71

E) 35 - correct answer **B1**

Answer: 35 coins

Question 72

correct option D (£59.52) cao **B1**

Answer: D) £59.52

Question 73

correct option B (£30) cao **B1**

Answer: B) £30

Question 74

correct option E (£160) cao **B1**

Answer: E) £160

Question 75

correct option D (£45.28) cao **B1**

Answer: D) £45.28

Question 76

correct option D (£12.00) cao **B1**

Answer: D) £12.00

Question 77

correct option B (£960) cao **B1**

Answer: B) £960

Question 78

correct option C (£38.68) cao **B1**

Answer: C) £38.68

Question 79

correct option B (£15.00) cao **B1**

Answer: B) £15.00

Question 80

correct option E (£480) cao **B1**

Answer: E) £480

Question 81

correct option B (£74.72) cao **B1**

Answer: B) £74.72

Question 82

correct option D (£350) cao **B1**

Answer: D) £350

Question 83

correct option B (£3.16) cao **B1**

Answer: B) £3.16

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Question 84

correct option A (£310.50) cao **B1**

Answer: A) £310.50

Question 85

correct option B (£49.92) cao **B1**

Answer: B) £49.92

Question 86

correct option D (£600) cao **B1**

Answer: D) £600

Question 87

correct option A (£6.30) cao **B1**

Answer: A) £6.30

Question 88

correct option A (£45.00) cao **B1**

Answer: A) £45.00

Question 89

correct option B (£513.00) cao **B1**

Answer: B) £513.00

Question 90

correct option E (£101.40) cao **B1**

Answer: E) £101.40

Question 91

correct option D (£8.08) cao **B1**

Answer: D) £8.08

Question 92

correct option E (£590.00) cao **B1**

Answer: E) £590.00

Question 93

correct option B (£450.00) cao **B1**

Answer: B) £450.00

Question 94

correct option C (£420) cao **B1**

Answer: C) £420

Question 95

correct option A (£63.40) cao **B1**

Answer: A) £63.40

Question 96

correct option E (£408.00) cao **B1**

Answer: E) £408.00

Question 97

correct option D (£1.71) cao **B1**

Answer: D) £1.71

Question 98

correct option D (£45.00) cao **B1**

Answer: D) £45.00

Question 99

B) 40p - correct answer **B1**

Answer: 40p

Question 100

correct option C (£32.05) cao **B1**

Answer: C) £32.05

Question 101

correct option D (£360) cao **B1**

Answer: D) £360

Question 102

correct option B (£202.50) cao **B1**

Answer: B) £202.50

Question 103

correct option A (£9.50) cao **B1**

Answer: A) £9.50

Question 104

correct option C (£4.04) cao **B1**

Answer: C) £4.04

Question 105

correct option E (£224.00) cao **B1**

Answer: E) £224.00

Question 106

correct option A (£36.00) cao **B1**

Answer: A) £36.00

Question 107

correct option E (£623.00) cao **B1**

Answer: E) £623.00

Question 108

correct option B (£12.20) cao **B1**

Answer: B) £12.20

Question 109

correct option A (£240) cao **B1**

Answer: A) £240

Question 110

correct option E (£540) cao **B1**

Answer: E) £540

Question 111

correct option A (£4.20) cao **B1**

Answer: A) £4.20

Question 112

correct option D (£384.00) cao **B1**

Answer: D) £384.00

Question 113

correct option B (£17.64) cao **B1**

Answer: B) £17.64

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Question 114

correct option B (£121.80) cao **B1**

Answer: B) £121.80

Question 115

correct option E (£180) cao **B1**

Answer: E) £180

Question 116

correct option E (£37.84) cao **B1**

Answer: E) £37.84

Question 117

correct option A (£108.00) cao **B1**

Answer: A) £108.00

Question 118

correct option B (£14.50) cao **B1**

Answer: B) £14.50

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