1.5 Four Operations with Integers: 30-minute Pack

Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Work out 1368 ÷ 18.

(3)

2 Work out 186 x 54.

(3)

3 Work out 97.8 + 13.4.

(2)

4 Work out 84.29 - 49.4.

(2)

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5 A box holds 4 trays and each tray holds 60 eggs. How many eggs are in 5 boxes?

(3)

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6 Work out each subtraction.

(a) 712 - 398 **(1)**

.....

(b) 2 000 - 1 256 **(1)**

.....

(c) 305 - 79 **(1)**

.....

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7 Work out $(2 + 2)^2 \div 2$.

(3)

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8 Multiply using short multiplication where appropriate.

(a) 34 x 6 **(1)**

.....

(b) 127 x 3 **(1)**

.....

(c) 62 x 8 **(1)**

.....

(d) 209 x 4 **(1)**

.....

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Mark scheme · 1.5 Four Operations with Integers: 30-minute Pack

Question 1

correct start to the division, eg 18 x 70 = 1260 or table of multiples	M1
complete correct method with at most one slip	M1
76 cao	A1

Answer: **76**

Question 2

one correct partial product, eg 186 x 4 = 744 or 186 x 50 = 9300	M1
both partial products attempted and added	M1
10044 cao	A1

Answer: **10044**

Question 3

digits lined up by place value with decimal points aligned (or a correct partial result)	M1
111.2 cao	A1

Answer: **111.2**

Question 4

digits lined up by place value with decimal points aligned (or a correct partial result)	M1
34.89 cao	A1

Answer: **34.89**

Question 5

4 x 60 = 240	M1
240 x 5	M1
1200 cao	A1

Answer: **1200**

Question 6

(a) 314 cao	B1

(a) Answer: **314**

(b) 744 cao	B1

(b) Answer: **744**

(c) 226 cao	B1

(c) Answer: **226**

Question 7

correct first operation applied by the order of operations (brackets, indices, then x and ÷)	M1
second correct stage of working	M1
8 cao	A1

Answer: **8**

Question 8

(a) 204 cao	B1

(a) Answer: **204**

(b) 381 cao	B1

(b) Answer: **381**

(c) 496 cao	B1

(c) Answer: **496**

(d) 836 cao	B1

(d) Answer: **836**

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