2.14 Early Algebra: 10-minute Pack

GL ASSESSMENT GL · Calculators not allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Simplify each expression.

(a) t x t **(1)**

(b) 5 x n x 2 **(1)**

(c) y x y x y **(1)**

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2 a = -3 and b = 5. Work out the value of each expression.

(a) a + b **(1)**

(b) b - a **(1)**

(c) ab **(1)**

(d) a^2 **(1)**

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3 Solve 4(x + 4) = 56.

- ☐ A) 13
- ☐ B) 52
- ☐ C) 10
- ☐ D) 18
- ☐ E) 40

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4 Solve each equation.

(a) x + 7 = 12 **(1)**

.....

(b) y - 4 = 9 **(1)**

.....

(c) 3m = 18 **(1)**

.....

(d) n/4 = 6 **(1)**

.....

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Mark scheme · 2.14 Early Algebra: 10-minute Pack

Question 1

(a) t^2 cao **B1**

(a) Answer: t^2

(b) 10n cao **B1**

(b) Answer: 10n

(c) y^3 cao **B1**

(c) Answer: y^3

Question 2

(a) 2 cao **B1**

(a) Answer: 2

(b) 8 cao **B1**

(b) Answer: 8

(c) -15 cao **B1**

(c) Answer: -15

(d) 9 cao **B1**

(d) Answer: 9

Question 3

correct option C (10) cao **B1**

Answer: C) 10

Question 4

(a) x = 5 cao **B1**

(a) Answer: x = 5

(b) y = 13 cao **B1**

(b) Answer: y = 13

(c) m = 6 cao **B1**

(c) Answer: m = 6

(d) n = 24 cao **B1**

(d) Answer: n = 24

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