UNIT 6 *Arithmetic: Multiplication of Decimals*   **Revision Test 6.1** (Standard)

1.   Find:

(a) 8×2 (b) 6×4

(c) 5×9 (d) 6×5

(4 marks)

2.   Copy and complete these statements.

(a) $3 \times 6 = 6 \times \dots.$ (b) $8 \times 9 = \dots. \times 8$

(2 marks)

3.   Find:

(a) 3×10 (b) 5×10

(c) 10×6 (d) 10×23

(e) 18×10 (f) 14×100

(g) 100×27 (h) 121×100

(8 marks)

4.   Find:

(a) 152×2 (b) 163×4

(c) 47×5 (d) 217×3

(4 marks)

5.   Every day, Eva eats 3 bars of chocolate.
     How many bars does she eat in:

(a)   4 days,   (b)   10 days?

(2 marks)

6.   A boat travels 4 miles in every hour. How far does it travel in 6 hours?

(2 marks)

7.   Two boys each pay £5 per night to camp on a site.
     How much do they pay for 5 nights?

(2 marks)

8.   A dog eats 7 tins of meat each week.
     How many tins of meat does the dog eat in 5 weeks?

(2 marks)

9.   There are 4 wheels on each car. How many wheels are there on 20 cars?

(2 marks)

10. Find: (a) 8×30 (b) 40×6 *(2 marks)*

UNIT 6 *Arithmetic: Multiplication of Decimals*

Revision Test 6.2
(Academic)

1.   Find:

   (a) 3×9 (b) 8×9

   (c) 6×5 (d) 7×6

   (4 marks)

2.   Copy and complete these statements.

   (a) $4 \times 7 = \ldots \times 4$ (b) $15 \times 7 = 5 \times \ldots$

   (2 marks)

3.   Find:

   (a) 3×100 (b) 7.1×10

   (c) 2.9×100 (d) 1.2×1000

   (e) 3.41×10 (f) 8.25×100

   (g) 3.97×1000 (h) 2.567×100

   (8 marks)

4.   Find:

   (a) 152×2 (b) 163×4

   (c) 271×12 (d) 842×25

   (4 marks)

5.   Find:

   (a) 1.2×7 (b) 3.2×4

   (c) 1.2×0.5 (d) 3×2.9

   (e) 7.3×2 (f) 8.41×0.2

   (g) 7.39×0.3 (h) 0.4×4.7

   (8 marks)

6.   Rope costs 29p per metre. Find the cost of 8 m of this rope.

   (2 marks)

7.   A cheeseburger costs £1.79. Find the cost of 3 cheeseburgers.

   (2 marks)

UNIT 6 *Arithmetic: Multiplication Decimals*   **Revision Test 6.3** (Express)

1.   Find:

  (a) 152×2 (b) 163×4

  (c) 271×12 (d) 842×25

(4 marks)

2.   Find:

  (a) 3.1×100 (b) 1.02×1000

  (c) 2.178×100 (d) 5.1×1000

  (e) 0.0041×200 (f) 1.83×4000

  (g) 2.93×300 (h) 4.62×5000

(8 marks)

3.   Find:

  (a) 1.2×7 (b) 8.41×0.2

  (c) 7.39×0.3 (d) 0.4×4.7

  (e) 3.4×2.7 (f) 3.9×41.8

  (g) 2.81×4.6 (h) 0.23×0.47

(8 marks)

6.   Rope costs 29p per metre. Find the cost of 8 m of this rope.

(2 marks)

5.   A cheeseburger costs £1.79. Find the cost of 9 cheeseburgers.

(2 marks)

6.   Copy and complete these statements.

  (a) $8 \times 25 = \ldots \times 5$ (b) $9 \times 72 = 81 \times \ldots$

(2 marks)

7.   A rectangle has sides of length 4.7 cm and 12.8 cm.
  Find its area.

(2 marks)

8.   If $168 \times 24 = 4032$, find

  (a) 1.68×2.4 (b) $0.168 \times 24\,000$

(2 marks)

Revision Test 6.1 (Standard)

Answers

1. (a) 16   (b) 24   (c) 45   (d) 30   B1 B1 B1 B1   *(4 marks)*

2. (a) $3 \times 6 = 6 \times 3$ (b) $8 \times 9 = 9 \times 8$ B1 B1   *(2 marks)*

3. (a) 30   (b) 50   (c) 60   (d) 230   B1 B1 B1 B1
    (e) 180   (f) 1400   (g) 2700   (h) 12 100   B1 B1 B1 B1   *(8 marks)*

4. (a) 304   (b) 652   (c) 235   (d) 651   B1 B1 B1 B1   *(4 marks)*

5. (a) 12   (b) 30   B1 B1   *(2 marks)*

6. $4 \times 6 = 24$ miles   M1 A1   *(2 marks)*

7. $5 \times £5 = £25$ M1 A1   *(2 marks)*

8. $7 \times 5 = 35$ tins   M1 A1   *(2 marks)*

9. $4 \times 20 = 80$ wheels   M1 A1   *(2 marks)*

10. (a) 240   (b) 240   B1 B1   *(2 marks)*

(TOTAL MARKS 30)

Revision Test 6.2 (Academic)   Answers

1. (a) 27   B1

    (b) 72   B1

    (c) 30   B1

    (d) 42   B1   *(4 marks)*

2. (a) $4 \times 7 = 7 \times 4$ B1

    (b) $15 \times 7 = 5 \times 21$ B1   *(2 marks)*

3. (a) 300   (b)   71   (c)   290   (d)   1200   B1 B1 B1 B1

    (e) 34.1   (f)   825   (g)   3970   (h)   256.7   B1 B1 B1 B1   *(8 marks)*

4. (a) 304   B1

    (b) 652   B1

    (c) 3252   B1

    (d) 21 050   B1   *(4 marks)*

5. (a) 8.4   (b)   12.8 (c)   0.6   (d)   8.7   B1 B1 B1 B1

    (e) 14.6   (f)   1.682 (g)   2.217   (h)   1.88   B1 B1 B1 B1   *(8 marks)*

6. $8 \times 29p = 232p = £2.32$ M1 A1   *(2 marks)*

7. $1.79 \times 3 = £5.37$ M1 A1   *(2 marks)*

(TOTAL MARKS 30)

Revision Test 6.3 (Express) Answers

1. (a) 304   B1

    (b) 652   B1

    (c) 3252   B1

    (d) 21 050   B1   *(4 marks)*

2. (a) 310   (b) 1020   (c)   217.8   (d) 5100   B1 B1 B1 B1

    (e) 0.82   (f) 73 200   (g)   879   (h) 23 100   B1 B1 B1 B1   (8 *marks*)

3. (a) 8.4   (b) 1.682   (c) 2.217   (d) 1.88   B1 B1 B1 B1

    (e) 9.18   (f) 163.02   (g) 12.926   (h) 0.1081   B1 B1 B1 B1   *(8 marks)*

4. $8 \times 29p = 232p = £2.32$ M1 A1   *(2 marks)*

5. £16.11   M1 A1   *(2 marks)*

6. (a) $8 \times 25 = 40 \times 5$ B1

    (b) $9 \times 72 = 81 \times 8$ B1   *(2 marks)*

7. 60.16 cm^2 M1 A1   *(2 marks)*

8. (a) 4.032   B1

    (b) 4032   B1   *(2 marks)*

                                                                    (TOTAL MARKS 30)