

Multiplying Decimals

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Examples





Workout

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Question 1: Work out the answers to the following multiplications

- (a) 1.2×4
- 3.2×3 (b)
- 5.3 x 2 (c)
- (d) 7.3×3

- (e) 1.6×4
- (f) 2.9×5
- (g) 4.2×6
- (h) 9.5×7

- (i) 6.7×8
- 3.8×9 (j)
- (k) 12.8×3
- (l) 24.3 x 4

- (m) 37.5 x 6
- 52.8 x 7 (n)
- (o) 173.2 x 3
- (p) 215.8 x 6

- 1243.7 x 9 (q)
- (r) 79.5 x 8

Question 2: Work out the answers to the following multiplications

- 1.26 x 2 (a)
- (b) 2.63×3
- 5.14 x 3 (c)
- (d) 6.28 x 4

- 7.53×5 (e)
- 0.38×8 (f)
- 9.62 x 6 (g)
- 12.38 x 7 (h)

- 16.42 x 9 (i)
- 109.34 x 4 (j)
- 9.08×3 (k)
- 12.04 x 7 (l)

- (m) 0.383×3
- 1.442 x 6 (n)
- 8.291 x 3 (0)
- 9.623 x 5 (p)

- 3.706 x 8 (q)
- 4.953 x 7 (r)
- 0.482 x 8 (s)
- 0.085×7 (t)

- 1.3842 x 3 (u)
- 4.3342 x 6 (v)
- (w) 8.2039 x 5
- 7.3112 x 9 (x)

- 512.83 x 6 (y)
- (z) 293.421 x 4

Question 3: Work out the answers to the following multiplications

- (a) 1.24 x 13
- (b) 2.51 x 17
- 12.5 x 23 (c)
- (d) 3.28×21

- 6.35×35 (e)
- (f) 7.65×37
- 58.2 x 46 (g)
- 4.23×52 (h)

- (i) 0.28×57
- (j) 0.817 x 63
- (k) 38.43 x 19
- (l) 5.45 x 87

- 12.32 x 73 (m)
- (n) 2.3 x 123

1.02 x 607

- (0)4.7 x 253
- 8.6 x 351

- (q) 2.03 x 152
- (r)

- (p)



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Question 4: Work out the answers to the following multiplications

(a) 0.2×0.3

(b) 0.7×0.2

(c) 0.9×0.4

(d) 0.8×0.6

(e)

 0.7×0.7

(f) 0.6×0.5

(g) 0.8×0.5

(h) 0.5×0.4

(i)

0.8 x 0.1

(j) 0.07×0.5

(n)

(r)

(k) 0.04×0.2

(l) 0.8 x 0.07

(m)

 0.06×0.9

 0.04×0.06

(o) 0.08×0.03

(p) 0.02×0.03

(q)

 0.003×0.6

 0.9×0.002

(s)

 0.008×0.6 (t)

0.005 x 0.4

(u)

 0.007×0.02 (v)

 0.008×0.09 (w)

 $0.04 \times 0.004 \text{ (x)}$

0.005 x 0.003

(y)

 0.008×0.05 (z)

0.009 x 0.008

Question 5: Work out the answers to the following multiplications

(a) 3.1×0.5

(b) 6.3 x 0.3

(c)

(d) 9.2 x 0.6

(e)

4.8 x 0.9

(f) 2.4 x 3.2

(g) 9.1 x 1.3

(h) 5.5 x 7.7

(i)

1.7 x 4.3

9.4 x 4.9

(k) 0.13×0.7

 5.4×0.7

(l) 0.48×0.3

(m)

 0.54×0.9

 0.18×0.17

8.3 x 0.37

(p) 3.5 x 0.74

(q)

 0.94×0.02

 0.38×0.06

(s) 0.039×0.7

0.084 x 1.2

(u)

8.1 x 0.05

(v)

(j)

(n)

(r)

9.4 x 0.082

(w)

(o)

0.0048 x 0.12

Question 6: Work out the answers to the following multiplications

(a)

1.29 x 1.4

3.52 x 2.4

(c) 4.92 x 0.34

(d) 8.12 x 0.29

(e)

6.3 x 2.46

(f)

(b)

9.2 x 7.15

(g) 0.843 x 1.9

(h)

(t)

0.548 x 2.7

(i)

6.18 x 5.1

(j)

18.2 x 6.4

(k)

 5.03×2.8

(l)

40.8 x 5.3

Corbett moths

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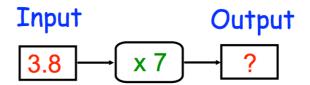
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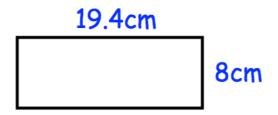
Question 1: Regan is paid £6.70 per hour. He works 8 hours in a week.

Work out how much Regan should be paid.

Question 2: Calculate the output



Question 3: Calculate the area of the rectangle



Question 4: A bottle of cola costs £1.29

Calculate the total cost of 6 bottles of cola.



Question 5: Mr and Mrs Jones bring their 5 children to a museum.

Adults £17.60 each
Children £7.55 each

Work out the total cost for the family.



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Question 6: Class 8A are going on a trip to a windmill.



The trip costs £3.70 each and there are 26 students in 8A. How much money should be collected?

Question 7: Mr.Jenkins is building a fence for his garden. The fence costs £12.60 per metre to build. The fence is 5.3 metres long.

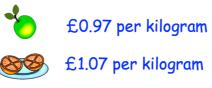


Work out the total cost of building the fence.

Question 8: Calculate the area of this rectangle.



Question 9: Here are the prices of some fruit in a shop.





Find the total cost of 1.2kg of apples, 3.5kg of oranges and 1.9kg of bananas.







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