

Workout

Question 1: Work out each of the following multiplications

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|----------------------|-----------------------|----------------------|-----------------------|
| (a) 3×10 | (b) 8×10 | (c) 12×10 | (d) 16×10 |
| (e) 25×10 | (f) 42×10 | (g) 78×10 | (h) 20×10 |
| (i) 90×10 | (j) 112×10 | (k) 203×10 | (l) 140×10 |
| (m) 529×10 | (n) 400×10 | (o) 1925×10 | (p) 3500×10 |
| (q) 2710×10 | (r) 50000×10 | (s) 6204×10 | (t) 99099×10 |

Question 2: Work out each of the following multiplications

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|------------------------|-------------------------|------------------------|------------------------|
| (a) 0.2×10 | (b) 0.8×10 | (c) 0.1×10 | (d) 1.3×10 |
| (e) 5.8×10 | (f) 15.1×10 | (g) 20.5×10 | (h) 357.4×10 |
| (i) 0.06×10 | (j) 0.14×10 | (k) 0.42×10 | (l) 3.07×10 |
| (m) 0.009×10 | (n) 0.0053×10 | (o) 0.105×10 | (p) 0.0381×10 |
| (q) 3.4905×10 | (r) 0.25801×10 | (s) 400.05×10 | (t) 122.08×10 |

Question 3: Work out each of the following multiplications

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|-----------------------|-----------------------|-----------------------|------------------------|
| (a) 4×100 | (b) 7×100 | (c) 15×100 | (d) 28×100 |
| (e) 30×100 | (f) 90×100 | (g) 165×100 | (h) 593×100 |
| (i) 520×100 | (j) 203×100 | (k) 400×100 | (l) 100×100 |
| (m) 2000×100 | (n) 3902×100 | (o) 2030×100 | (p) 40001×100 |

Question 4: Work out each of the following multiplications

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|------------------------|-------------------------|--------------------------|------------------------|
| (a) 0.3×100 | (b) 0.9×100 | (c) 0.02×100 | (d) 0.05×100 |
| (e) 0.15×100 | (f) 0.23×100 | (g) 5.8×100 | (h) 4.13×100 |
| (i) 3.08×100 | (j) 0.822×100 | (k) 0.606×100 | (l) 0.004×100 |
| (m) 320.4×100 | (n) 2.3802×100 | (o) 0.00351×100 | (p) 105.1×100 |

Multiplication by 10, 100, 1000

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Question 5: Work out each of the following multiplications

- (a) 5×1000 (b) 9×1000 (c) 18×1000 (d) 45×1000
(e) 40×1000 (f) 70×1000 (g) 200×1000 (h) 595×1000
(i) 710×1000 (j) 909×1000 (k) 900×1000 (l) 1000×1000
(m) 8000×1000 (n) 5800×1000 (o) 5040×1000 (p) 60000×1000

Question 6: Work out each of the following multiplications

- (a) 0.2×1000 (b) 0.8×1000 (c) 1.4×1000 (d) 8.3×1000
(e) 0.06×1000 (f) 0.007×1000 (g) 17.5×1000 (h) 30.9×1000
(i) 4.45×1000 (j) 0.48×1000 (k) 0.033×1000 (l) 0.0081×1000
(m) 0.403×1000 (n) 0.2002×1000 (o) 1.0934×1000 (p) 93.0491×1000

Question 7: Work out each of the following multiplications

- (a) 76×10 (b) 230×100 (c) 3×1000 (d) 52×1000
(e) 6×100 (f) 352×10 (g) 4.5×100 (h) 0.9×10
(i) 25×100 (j) 8001×1000 (k) 4.1×1000 (l) 0.75×10
(m) 3.5×100 (n) 50.89×100 (o) 0.018×100 (p) 0.679×1000
(q) 0.888×10 (r) 3094.5×100 (s) 255.21×10 (t) 39.001×1000
(u) 3.005×10 (v) 0.005×100 (w) 8900×100 (x) 0.011×1000
(y) 94.6×100 (z) 4.99×1000

Apply

Question 1: Natalie saves £100 a month towards a new car.
How much money will she have saved after 11 months?



Multiplication by 10, 100, 1000

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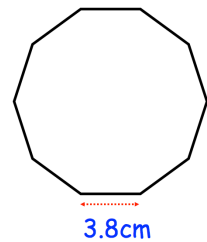
Question 2: A box contains 10 eggs.
Hilary needs 68 eggs.
How many boxes of eggs should she buy?

Question 3: A ticket for a charity concert costs £10.
231 tickets are sold.
How much money is raised for charity?

Question 4: A box of drawing pins contains 100 pins.
How many drawing pins are there in 40 boxes?

Question 5: (a) How many years are there in 15 centuries?
(b) How many years are there in 8 decades?
(c) How many years are there in 4 millennia?

Question 6: The decagon below is regular, which means that all sides are the same length.
Work out the perimeter of the decagon.



Question 7: Shown below are some questions and answers.
Match each question and correct answer.
The first one has been completed for you.

0.032×10	32
3.2×10	0.32
0.32×10	3.2
0.32×1000	3200
32×100	320

A line connects 0.032×10 to 0.32.

Question 8: Write down the value of the 2 in the answer to 7.025×1000

Question 9: A coffee shop sells cups of coffee in 0.3 litre cups.
In one week they sell 10000 cups of coffee.
How many litres of coffee do they sell in one week?