Corbett mαths

Division by 10, 100, 1000 etc
Video 99 on www.corbettmaths.com

Examples

Workout

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Question 1: Work out each of the following divisions

(a) 30 ÷ 10   (b) 90 ÷ 10   (c) 120 ÷ 10   (d) 250 ÷ 10

(e) 800 ÷ 10   (f) 380 ÷ 10   (g) 4000 ÷ 10   (h) 1600 ÷ 10

(i) 9 ÷ 10   (j) 2 ÷ 10   (k) 1 ÷ 10   (l) 7 ÷ 10

(m) 72 ÷ 10   (n) 15 ÷ 10   (o) 93 ÷ 10   (p) 219 ÷ 10

(q) 3414 ÷ 10   (r) 109 ÷ 10   (s) 2015 ÷ 10   (t) 870 ÷ 10

(u) 0.6 ÷ 10   (v) 0.3 ÷ 10   (w) 0.15 ÷ 10   (x) 0.08 ÷ 10

Question 2: Work out each of the following divisions

(a) 200 ÷ 100   (b) 500 ÷ 100   (c) 900 ÷ 100   (d) 1400 ÷ 100

(e) 4800 ÷ 100   (f) 6200 ÷ 100   (g) 3000 ÷ 100   (h) 1000 ÷ 100

(i) 17000 ÷ 100   (j) 53000 ÷ 100   (k) 2810 ÷ 100   (l) 9145 ÷ 100

(m) 180 ÷ 100   (n) 375 ÷ 100   (o) 520 ÷ 100   (p) 70 ÷ 100

(q) 40 ÷ 100   (r) 17 ÷ 100   (s) 5 ÷ 100   (t) 2 ÷ 100

(u) 2.9 ÷ 100   (v) 0.8 ÷ 100   (w) 0.35 ÷ 100   (x) 4.2 ÷ 100

Question 3: Work out each of the following divisions

(a) 4000 ÷ 1000   (b) 7000 ÷ 1000   (c) 16000 ÷ 1000   (d) 86000 ÷ 1000

(e) 50000 ÷ 1000   (f) 370000 ÷ 1000   (g) 1900 ÷ 1000   (h) 4250 ÷ 1000

(i) 5833 ÷ 1000   (j) 900 ÷ 1000   (k) 820 ÷ 1000   (l) 41 ÷ 1000

(m) 2 ÷ 1000   (n) 13 ÷ 1000   (o) 9 ÷ 1000   (p) 0.3 ÷ 1000

(q) 1.55 ÷ 1000   (r) 0.51 ÷ 1000   (s) 0.02 ÷ 1000   (t) 3.08 ÷ 1000

(u) 67000000 ÷ 1000   (v) 0.045 ÷ 1000

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Question 4: Work out each of the following divisions

(a) 56 ÷ 10   (b) 48000 ÷ 100   (c) 3 ÷ 1000   (d) 52 ÷ 1000

(e) 6 ÷ 100   (f) 312 ÷ 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
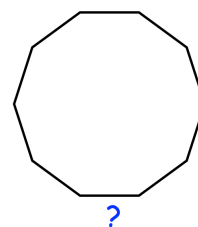
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Question 1: Vicky saves £10 each week.
She wants to buy a violin that costs £180
How many weeks will it take Vicky to save enough money?

Question 2: Barry prints booklets that each have 100 pages.
In total, he prints 6000 pages.
How many booklets did Barry print?

Question 3: A box of staples contains 1000 staples.
A secretary wants to order 3000000 staples.
How many boxes of staples should they order?

Perimeter = 48cm

Question 4: A decagon has 10 sides.
The decagon below is regular, which means that all sides
are the same length.
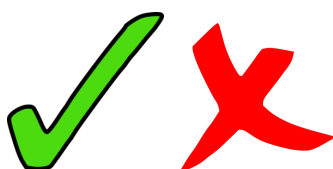Work out the length of each side of the decagon.

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Question 5: A bakery makes 2600 cupcakes in a week.
The cupcakes are placed into boxes of 10.
Each box of cupcakes is sold for £3.
How much money does the bakery make for selling the cupcakes?

Question 6: Work out the missing numbers

(a) ☐ x 10 = 0.009   (b) ☐ x 100 = 0.53

Answers

✓ ✗
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