

Examples

Workout



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Question 1: Work out the following multiplications

- | | | | |
|--------------------|--------------------|--------------------|--------------------|
| (a) 14×13 | (b) 23×12 | (c) 35×13 | (d) 19×15 |
| (e) 17×17 | (f) 34×23 | (g) 19×32 | (h) 48×16 |
| (i) 53×27 | (j) 44×25 | (k) 57×30 | (l) 62×16 |

Question 2: Work out the following multiplications

- | | | | |
|--------------------|--------------------|--------------------|--------------------|
| (a) 48×47 | (b) 65×78 | (c) 83×56 | (d) 74×86 |
| (e) 92×66 | (f) 73×89 | (g) 94×84 | (h) 97×69 |
| (i) 78×93 | (j) 88×88 | (k) 96×92 | (l) 76×67 |

Question 3: Work out the following multiplications

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| (a) 142×13 | (b) 127×15 | (c) 133×12 | (d) 186×11 |
| (e) 158×24 | (f) 193×25 | (g) 108×17 | (h) 170×23 |
| (i) 324×19 | (j) 405×15 | (k) 522×34 | (l) 604×28 |

Question 4: Work out the following multiplications

- | | | | |
|---------------------|---------------------|---------------------|---------------------|
| (a) 783×55 | (b) 924×46 | (c) 888×64 | (d) 606×94 |
| (e) 811×97 | (f) 777×66 | (g) 890×83 | (h) 952×74 |
| (i) 939×84 | (j) 686×58 | (k) 660×98 | (l) 968×79 |

Question 5: Work out the following multiplications

- | | | | |
|----------------------|----------------------|----------------------|----------------------|
| (a) 135×122 | (b) 142×104 | (c) 144×113 | (d) 205×147 |
| (e) 240×108 | (f) 216×156 | (g) 317×223 | (h) 562×275 |
| (i) 617×392 | (j) 384×256 | (k) 687×749 | (l) 983×991 |

Multiplication 2

Videos 199 and 200 on www.corbettmaths.com

Apply

- Question 1: There are 12 cupcakes in a box.
Dara is organising a party and wants 200 cupcakes.
He buys 16 boxes.
Does Dara have enough cupcakes?



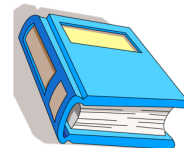
- Question 2: Find the product of 62 and 51

- Question 3: A rugby team brought 18 coaches of supporters to a cup match.
Each coach holds 53 passengers.



How many supporters are brought to the cup match by the 18 coaches?

- Question 4: Felicity spends 25 minutes reading every day.
How long does she spend reading during the month of May?



- Question 5: A cinema has 26 seats in each row.
There are 18 rows.
During a showing of movie, there are 70 empty seats.



Work out how many people watch the movie.

- Question 6: Miss Jenkins owns an electronics shop.
She order 27 laptops at £413 each.
Miss Jenkins sells the 27 laptops for £600 each.

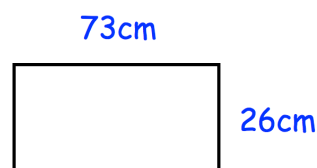
Work out the profit.

- Question 7: How many hours are there in one leap year?



- Question 8: A ruler costs 49p.
Work out the cost of 125 rulers.
Give your answer in pounds.

- Question 9: Find the area of this rectangle



Multiplication 2

Videos 199 and 200 on www.corbettmaths.com

Question 10: (a) Work out the following multiplications

$$\begin{aligned}1 \times 1 \\ 11 \times 11 \\ 111 \times 111 \\ 1111 \times 1111\end{aligned}$$

- (b) Predict the answer to 11111×11111
(c) Predict the answer to 11111111×11111111
(d) When will the pattern end?

Question 11: Jenny bought a motorbike.

She paid a deposit of £345 and 36 monthly payments of £44
At the end of the payments, she sold the motorbike for £1400.



How much did it cost Jenny in total?

Question 12: (a) Choose any two digit number and multiply it by 13

- (b) Multiply your answer by 7
(c) Finally multiply your new answer by 11
(d) What do you notice?
Can you explain why?

Question 13: Kyle is organising a charity concert at school.

The concert is sold out.
The halls holds 35 rows of 42 seats.
Each person will pay £7
How much money will Kyle raise for charity?



Question 14: Two whole numbers multiply together to give an answer of 600.

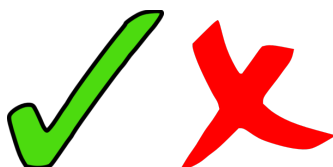
Neither of the numbers contain the digit zero.
What are the two numbers?

Question 15: Martina has 24 crates of oranges.

Each crate weighs 37.3kg.
Martina's van can hold up to 900kg.
Will the van be able to carry all 24 crates?



Answers



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