

### Workout

Question 1: Work out the following multiplications

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

Question 2: Work out the following multiplications

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

Question 3: Work out the following multiplications

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

Question 4: Work out the following multiplications

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

Question 5: Work out the following multiplications

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

## Multiplication 2

Videos 199 and 200 on [www.corbettmaths.com](http://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?



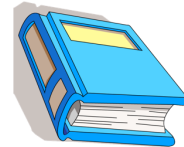
Question 2: Find the product of 62 and 51

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

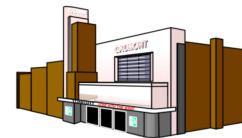


How many supporters are brought to the cup match by the 18 coaches?

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.

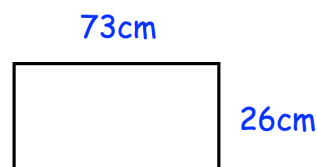
Work out the profit.

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](http://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  $11111 \times 11111$   
(c) Predict the answer to  $11111111 \times 11111111$   
(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?

