

Examples

Workout



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Question 1: Work out the remainder for each of the following divisions.

- | | | | | |
|------------------|------------------|------------------|-------------------|------------------|
| (a) $17 \div 2$ | (b) $23 \div 5$ | (c) $14 \div 3$ | (d) $19 \div 4$ | (e) $14 \div 2$ |
| (f) $26 \div 6$ | (g) $45 \div 10$ | (h) $31 \div 7$ | (i) $12 \div 9$ | (j) $30 \div 8$ |
| (k) $40 \div 11$ | (l) $52 \div 8$ | (m) $49 \div 5$ | (n) $66 \div 9$ | (o) $80 \div 7$ |
| (p) $102 \div 5$ | (q) $79 \div 3$ | (r) $139 \div 4$ | (s) $283 \div 10$ | (t) $90 \div 12$ |

Question 2: Work out the remainder for each of the following divisions.

- | | | | |
|-------------------|-------------------|-------------------|-------------------|
| (a) $326 \div 7$ | (b) $776 \div 3$ | (c) $359 \div 6$ | (d) $232 \div 8$ |
| (e) $400 \div 12$ | (f) $452 \div 15$ | (g) $377 \div 16$ | (h) $283 \div 11$ |

Question 3: Work out the following divisions.
Give each answer as a decimal number. e.g. $13 \div 2 = 6.5$

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|-------------------|--------------------|--------------------|-------------------|------------------|
| (a) $7 \div 2$ | (b) $9 \div 5$ | (c) $43 \div 2$ | (d) $27 \div 5$ | (e) $86 \div 5$ |
| (f) $56 \div 10$ | (g) $14 \div 4$ | (h) $66 \div 4$ | (i) $51 \div 6$ | (j) $41 \div 4$ |
| (k) $75 \div 4$ | (l) $26 \div 8$ | (m) $38 \div 8$ | (n) $40 \div 3$ | (o) $29 \div 3$ |
| (p) $123 \div 15$ | (q) $111 \div 12$ | (r) $300 \div 9$ | (s) $748 \div 20$ | (t) $253 \div 6$ |
| (u) $853 \div 40$ | (v) $1879 \div 20$ | (w) $8161 \div 80$ | | |

Question 4: Work out the following divisions.
Give each answer as a mixed number and simplify any fraction. e.g. $14 \div 3 = 4\frac{2}{3}$

- | | | | | |
|-------------------|-------------------|-------------------|-------------------|-----------------|
| (a) $11 \div 2$ | (b) $38 \div 3$ | (c) $11 \div 6$ | (d) $43 \div 10$ | (e) $21 \div 5$ |
| (f) $54 \div 10$ | (g) $50 \div 8$ | (h) $45 \div 7$ | (i) $78 \div 5$ | (j) $99 \div 4$ |
| (k) $155 \div 6$ | (l) $290 \div 11$ | (m) $481 \div 12$ | (n) $324 \div 5$ | (o) $83 \div 9$ |
| (p) $384 \div 15$ | (q) $772 \div 10$ | (r) $358 \div 20$ | (s) $475 \div 40$ | |

Apply

Question 1: Simon is sharing 27 marbles equally between 4 friends.
How many marbles are left over?

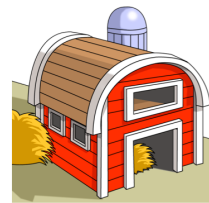


Question 2: Rebecca is selling raffle tickets in booklets of 5.
She has 86 raffle tickets.

- (a) How many booklets can Rebecca sell?
- (b) How many tickets will be left over?

Question 3: Eggs are being packed into boxes of 6.
Farmer Richards has 77 eggs.

- (a) How many boxes can he fill?
- (b) How many eggs will be left over?



Question 4: At a wedding there are 125 guests.
8 people can sit at each table.
All the tables are filled, except one.
How many guests sit at the table that is not filled?

Question 5: Burt is making cupcakes.
He places the cupcakes in boxes of 12.
Burt has 200 cupcakes.
How many boxes can he fill?



Question 6: Five friends share £13.
How much do they receive each?

Question 7: The perimeter of a square is 171cm
Find the length of each side.

Question 8: Michael is saving for a holiday.
The holiday will cost him £885.
He will save money for one year.
Michael will save an equal amount each month to pay for the holiday.
How much should he save each month?



Answers



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