

Year 6 revision homework

Fractions and the four operations

Q1.

$$\frac{2}{5} \times \frac{5}{6} = \boxed{}$$

Q2.

$$1\frac{1}{4} \times 39 = \boxed{}$$

Q3.

$$\frac{5}{8} \div 3 = \boxed{}$$

Q4.

$$\frac{7}{10} \div 2 = \boxed{}$$

Q5.

$$\frac{1}{6} + \frac{2}{3} + \frac{3}{12} = \boxed{}$$

Q6.

$$2\frac{3}{5} + 1\frac{3}{5} = \boxed{}$$

Q7.

$$\frac{1}{3} - \frac{1}{9} = \boxed{}$$

Q8.

$$4\frac{3}{7} - 1\frac{1}{6} = \boxed{}$$

----- Division -----

Q1.

$$95 \div 5 = \boxed{}$$

Q2.

$$26 \overline{)4472}$$

Q3.

$$45 \overline{)8190}$$

Q4.

$$34 \overline{)986}$$

Averages

Q1. Last year, Jacob went to four concerts. Three of his tickets cost £5 each. The other ticket cost £7

What was the mean cost of the tickets?

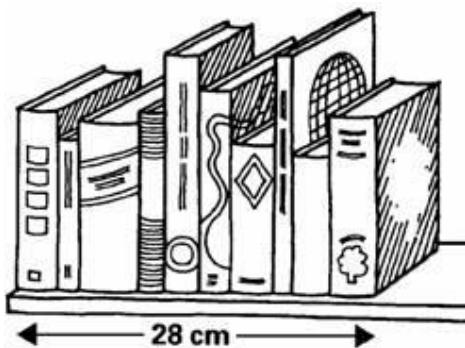
Q2. Seven children measured their heights.

| Children | Height (cm) |
|----------|-------------|
| Stefan | 144 |
| Lara | 136 |
| Olivia | 142 |
| Chen | 143 |
| Maria | 152 |
| Dev | 148 |
| Sarah | 150 |

What is the mean height of the children?

Q3. Vicki puts 10 books on a shelf.

The 10 books take up 28 centimetres.



What is the mean (average) thickness of her books? The shelf is 120 centimetres long. Vicki fills the shelf with a mixture of books like the first ten books.

Estimate how many books she can get on the 120 cm shelf.

