

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?

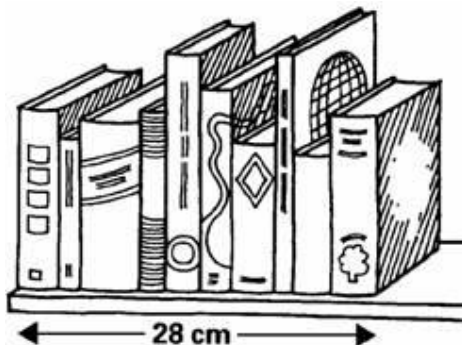
Q2. Seven children measured their heights.

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.

