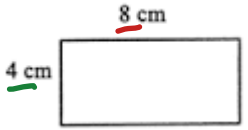
Perimeter and Area



Perimeter = 4 + 4 + 8 + 8 = 24cm

Area = 4 x 8 = 32cm²

Fraction of an Amount

Find $\frac{1}{5}$ of 70 = 14

Find $\frac{1}{8}$ of 128 = 16

Powers

6^2 = 6 x 6 = 36

√100 = 10

Solutions by
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Prime Numbers

What is a prime number?

A number with only 2 factors.

Angles

What is the missing angle?



128 + 23 = 151

180 - 151 = 29°

Adding Fractions

$\frac{2}{5} + \frac{1}{4} = \frac{8}{20} + \frac{5}{20} = \frac{13}{20}$

$\frac{2}{7} + \frac{3}{9} = \frac{18}{63} + \frac{21}{63} = \frac{39}{63}$

Multiplying Fractions

$\frac{3}{5} \times \frac{3}{11} = \frac{3 \times 3}{5 \times 11} = \frac{9}{55}$

$\frac{5}{6} \times \frac{4}{7} = \frac{5 \times 4}{6 \times 7} = \frac{20}{42} = \frac{10}{21}$

Dividing Fractions

$\frac{2}{5} \div \frac{3}{4} = \frac{2}{5} \times \frac{4}{3} = \frac{8}{15}$

$\frac{2}{7} \div \frac{3}{9} = \frac{2}{7} \times \frac{9}{3} = \frac{18}{21} = \frac{6}{7}$

Worded Question

Four pens cost £2.40.
How much do seven pens cost?

4 pens = £2.40 (÷4)
1 pen = £0.60 (x7)
7 pens = £4.20

Averages

2, 7, 8, 5, 3

Mode = No mode (all different)

Mean = $\frac{2+7+8+5+3}{5} = \frac{25}{5} = 5$

Median = 5

2 3 5 7 8

Percentages

Find 10% of 43 = 4.3

Find 5% of 400 = 20

Find 15% of 60 = 90

Find 90% of 80 = 72

Best Buy Question

Which is better value:

2 pens for £1 **or** 4 pens for £1.80?

1 pen = 50p

1 pen = 45p

Better value