

Fractions of Amounts (B)

ANSWERS



Section A: Find fractions of the following amounts.

1) $\frac{2}{3}$ of 12 = 8

5) $\frac{5}{12}$ of 240 = 100

9) $\frac{7}{12}$ of 360 = 210

2) $\frac{3}{7}$ of 14 = 6

6) $\frac{4}{9}$ of 108 = 48

10) $\frac{11}{50}$ of 1000 = 220

3) $\frac{5}{6}$ of 18 = 15

7) $\frac{7}{15}$ of 600 = 280

11) $\frac{5}{8}$ of 16 = 10

4) $\frac{3}{8}$ of 24 = 9

8) $\frac{17}{51}$ of 102 = 34

12) $\frac{4}{9}$ of 72 = 32

Section B

Find one whole if..	one whole =	Find one whole if..	one whole =
$\frac{1}{2} = 24$	48	$\frac{2}{3} = 24$	36
$\frac{1}{5} = 15$	75	$\frac{4}{5} = 80$	100
$\frac{1}{12} = 70$	840	$\frac{2}{9} = 4$	18
$\frac{1}{10} = 0.8$	8	$\frac{7}{10} = 5.6$	8

Section C

- Darren buys 20 sweets. Darren gives his sweets to his brothers and sisters equally. Darren has 3 brothers and 2 sisters. How many sweets do Darren's brothers receive in total? 12
- The earth's oceans hold approximately $\frac{9}{10}$ of all Earth's water. If there is approximately 300 million trillion gallons of water on planet Earth, approximately how many million trillion gallons are in the oceans? 270 (million trillion gallons)
- Stacey's dad wins £6000 in a local lottery. Stacey's dad saves $\frac{2}{3}$ and gives Stacey $\frac{3}{5}$ of the rest. How much money does Stacey receive? £1200