

Chapter 18

Algebra

Simple Equations with x and \div

Solve simple equations involving multiplication & division.

$$\square \times 3 = 18$$

"What times 3 gives 18?"

Answer 6. $\square = 6$.

$$\square \div 4 = 7$$

"What divided by 4 gives 7?"

Answer 28. $\square = 28$.

Exercise 1

1. What **number** does \square stand for in each of these?

a $\square \times 2 = 8$

b $\square \times 3 = 21$

c $\square \times 4 = 20$

d $\square \times 5 = 40$

e $\square \times 10 = 70$

f $\square \times 2 = 16$

g $\square \times 9 = 27$

h $\square \times 8 = 72$

i $\square \times 5 = 40$

j $\square \div 2 = 6$

k $\square \div 7 = 3$

l $\square \div 8 = 7$

m $\square \div 5 = 6$

n $\square \div 10 = 4$

o $\square \div 9 = 6$.

2. Work out what **number** \square stands for in each of these :-

a $3 \times \square = 6$

b $5 \times \square = 30$

c $8 \times \square = 48$

d $16 \div \square = 4$

e $7 \div \square = 1$

f $45 \div \square = 5$

g $\square \times 2 = 20$

h $\square \times 10 = 100$

i $\square \times 6 = 42$

j $\square \div 3 = 9$

k $\square \div 2 = 20$

l $\square \div 10 = 6$

m $30 \div \square = 10$

n $7 \times \square = 35$

o $56 \div \square = 8$.