

Division

Break numbers up to help you work out division answers.

Example: What is 94 divided by 4?

Break 94 up into 80 and 14.

$$80 \div 4 = 20$$

$$14 \div 4 = 3 \text{ r } 2$$

$$\text{So } 94 \div 4 = 23 \text{ r } 2$$

When there is a remainder it can be represented in different ways.

$$94 \div 4 = 23 \text{ r } 2$$

or...

$$94 \div 4 = 23\frac{1}{2}$$

or...

$$94 \div 4 = 23.5$$

Warm up



1 What are the missing numbers? Use your multiplication and division facts to help you answer each one.

a) $27 \div \underline{\quad} = 3$

b) $28 \div 4 = \underline{\quad}$

c) $\underline{\quad} \div 9 = 4$

d) $24 \div 8 = \underline{\quad}$

e) $49 \div \underline{\quad} = 7$

f) $\underline{\quad} \div 3 = 6$

g) $27 \div 9 = \underline{\quad}$

h) $54 \div \underline{\quad} = 6$

i) $56 \div 7 = \underline{\quad}$

j) $\underline{\quad} \div 12 = 8$

k) $110 \div 11 = \underline{\quad}$

l) $\underline{\quad} \div 6 = 12$

Test yourself



2 Answer these divisions.

a) $96 \div 4 =$

b) $105 \div 5 =$

c) $93 \div 3 =$

d) $84 \div 6 =$

e) $112 \div 7 =$

f) $112 \div 4 =$

g) $126 \div 6 =$

h) $153 \div 3 =$

3 Answer these divisions and show the remainders in three different ways.

a) $47 \div 4 =$

b) $83 \div 5 =$

c) $91 \div 2 =$

d) $97 \div 10 =$

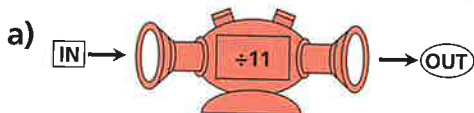
e) $69 \div 4 =$

f) $99 \div 5 =$

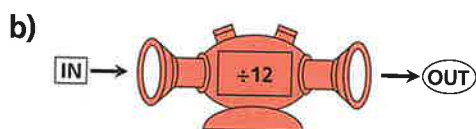
Challenge yourself



4 What are the missing numbers for each division machine?



IN	1100	3300	7700	9900	11 000	13 200
OUT	100					



IN	4800	2400	6000	9600	12 000	14 400
OUT						

How did you do?

