

## Decimals

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Decimals

1 Highlight the largest number

0.4      0.3      0.8      1.2      0.7

2 Highlight the largest number

0.42      0.4      0.3      0.5      0.2

3 Highlight the largest number

0.41      0.45      0.04      0.402      0.4

Fill in the missing numbers

0.6      0.7      0.8      0.9      

1.0	1.1
-----	-----

Fill in the missing numbers

0.3      0.4      0.5      0.6      

0.7	0.8
-----	-----

Fill in the missing numbers

1.5      1.6      1.7      1.8      

1.9	2.0
-----	-----

Fill in the missing numbers

0.11      0.12      0.13      0.14      

0.15	0.16
------	------

Fill in the missing numbers

0.25      0.26      0.27      0.28      

0.29	0.30
------	------

Write these in order of size, smallest to largest

0.4      0.3      0.12      1.2      1.01

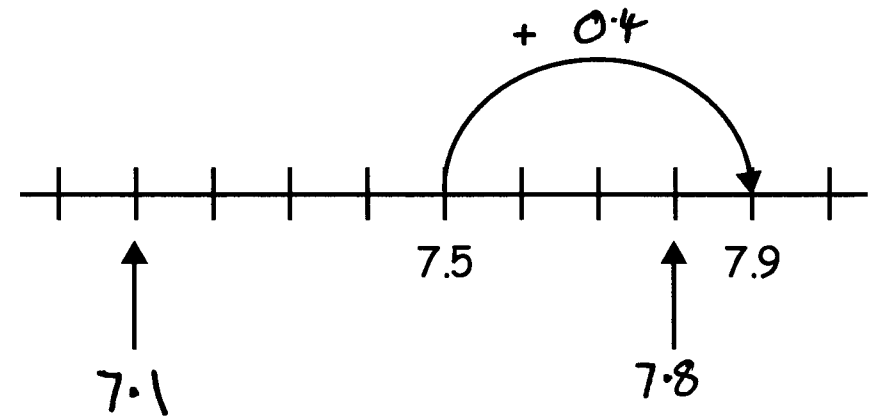
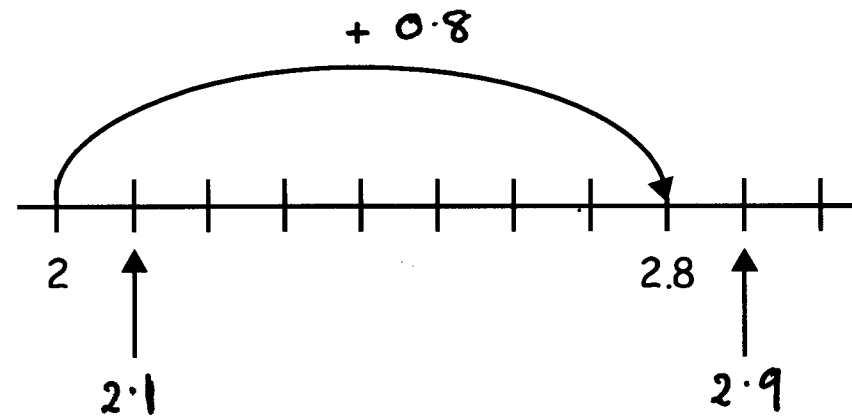
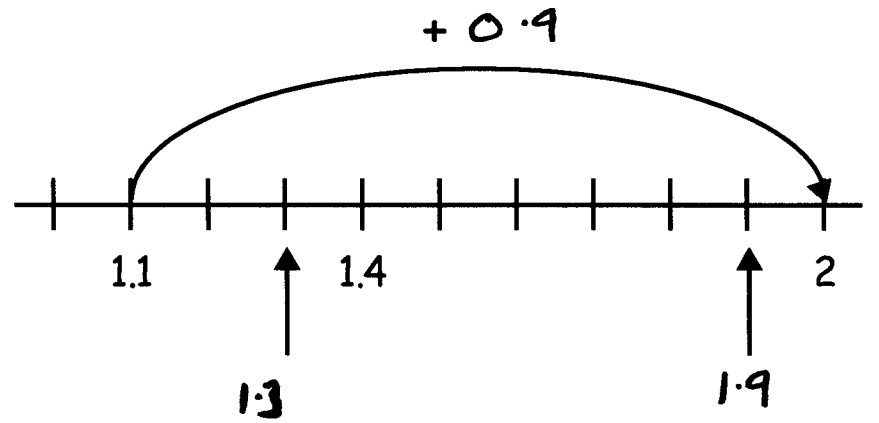
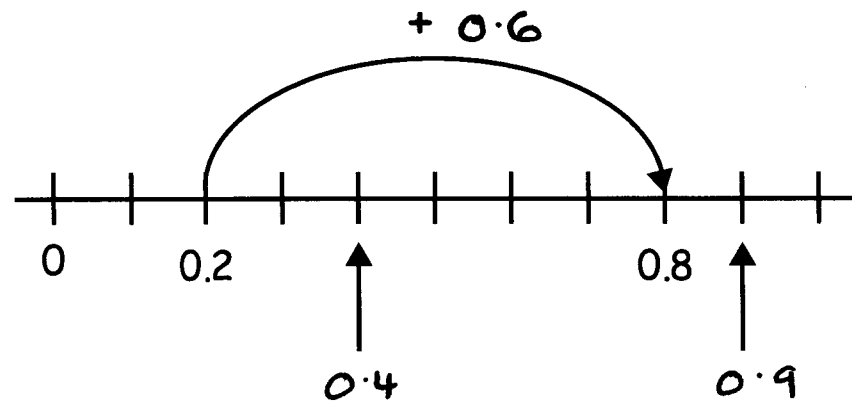
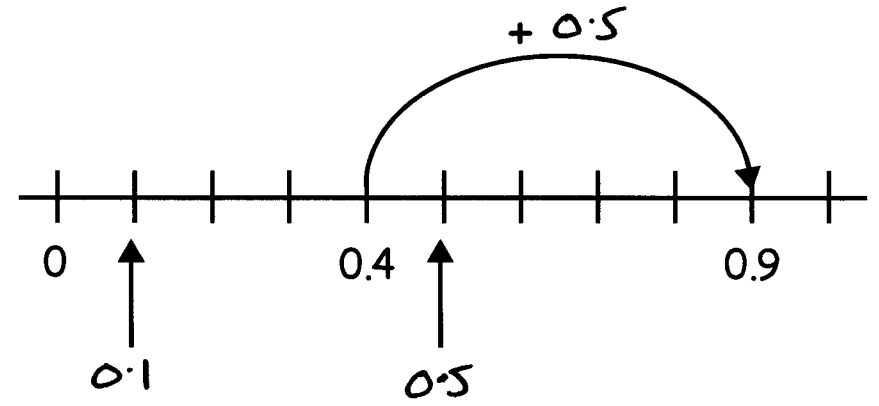
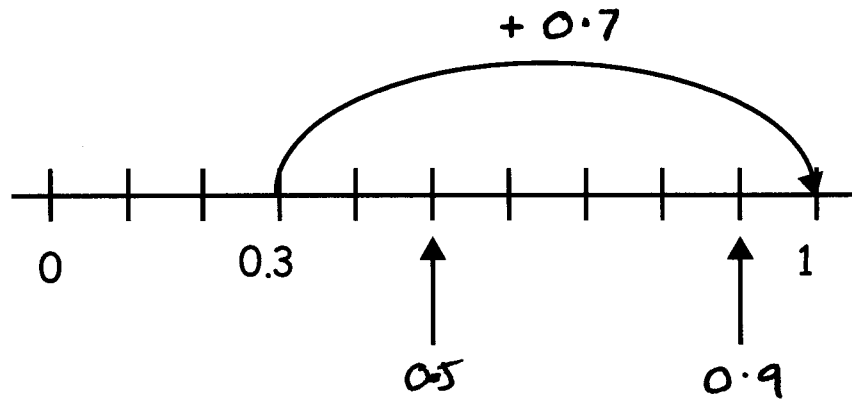
0.12	0.3	0.4	1.01	1.2
------	-----	-----	------	-----

Write these in order of size, smallest to largest

0.3      0.32      0.03      0.2      0.23

0.03	0.2	0.23	0.3	0.32
------	-----	------	-----	------

For each scale, write down the numbers that the arrows are point to and the number you have to add to make the jump



②

# Decimals - Add, take, times and divide

Adds (line numbers in their columns)

1)  $8 + 0.6$

10	1	0.1	0.01
	8	.	
	0	.	6
<hr/>			
	8	.	6

2)  $0.3 + 0.8$

10	1	0.1	0.01
	0	.	3
	0	.	8
<hr/>			
	1	.	1

1

3)  $1.2 + 0.86$

10	1	0.1	0.01
	1	.	2
	0	.	86
<hr/>			
	2	.	06

1

4)  $12 + 8.2 + 0.8$

10	1	0.1	0.01
1	2	.	
	8	.	2
	0	.	8
<hr/>			
2	1	.	0

1 1

5)  $0.38 + 6 + 0.04$

10	1	0.1	0.01
	0	.	38
	6	.	
	0	.	04
<hr/>			
	6	.	42

1

6)  $0.08 + 12.2 + 0.8$

10	1	0.1	0.01
	0	.	08
1	2	.	2
	0	.	8
<hr/>			
1	3	.	08

1

③

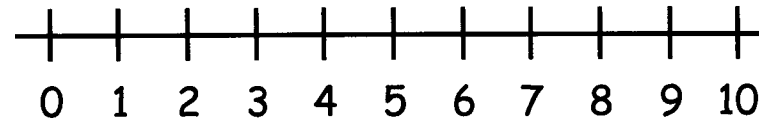
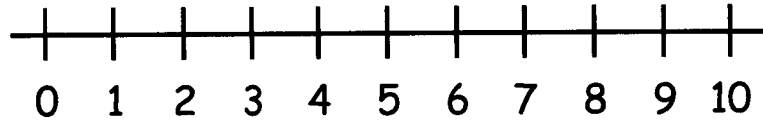
# Takes

7)  $7.4 - 1.6$

10	1	0.1	0.01
	<sup>6</sup> 7	<sup>1</sup> 4	
	1	6	
<hr/>			
	5	8	

9)  $10 - 2.6$

10	1	0.1	0.01
<sup>0</sup> 1	<sup>0</sup> 0	<sup>1</sup> 0	
	2	6	
<hr/>			
	7	4	

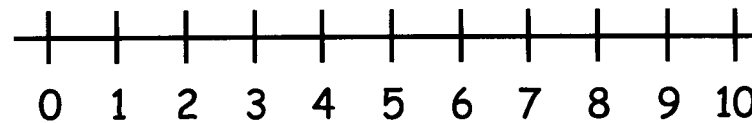
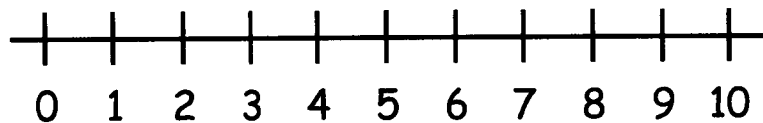


8)  $8.2 - 3.7$

10	1	0.1	0.01
	<sup>7</sup> 8	<sup>1</sup> 2	
	3	7	
<hr/>			
	4	5	

10)  $9.4 - 4.8$

10	1	0.1	0.01
	<sup>8</sup> 9	<sup>1</sup> 4	
	4	8	
<hr/>			
	4	6	



## Multiplication

$$11) 3 \times 0.4 = 1.2 \quad 3 \times 4 = 12$$

$$12) 6 \times 0.3 = 1.8 \quad 6 \times 3 = 18$$

$$13) 5 \times 0.4 = 2$$

$$14) 0.4 \times 7 = 2.8$$

$$15) 0.6 \times 8 = 4.8$$

## Division

$$16) 3.2 \div 4 = 0.8 \quad 32 \div 4 = 8$$

$$17) 1.2 \div 4 = 0.3 \quad 12 \div 4 = 3$$

$$18) 2.5 \div 5 = 0.5$$

$$19) 2.4 \div 8 = 0.3$$

$$20) 3.6 \div 6 = 0.6$$

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Qu. 1

	1000	100	10	1	•	0.1	0.01	0.001
4 x 8			3	2	•			
40 x 8		3	2	0	•			
40 x 80	3	2	0	0	•			
0.4 x 8				3	•	2		

Qu. 2

	1000	100	10	1	•	0.1	0.01	0.001
3 x 7			2	1	•			
3 x 70		2	1	0	•			
0.3 x 7				2	•	1		
0.3 x 0.7				0	•	2	1	

Qu. 3

	1000	100	10	1	•	0.1	0.01	0.001
6 x 7			4	2	•			
6 x 70		4	2	0	•			
60 x 70	4	2	0	0	•			
6 x 0.7				4	•	2		

Qu. 4

	1000	100	10	1	•	0.1	0.01	0.001
2 x 9			1	8	•			
0.2 x 9				1	•	8		
2 x 0.9				1	•	8		
0.2 x 0.9				0	•	1	8	

Qu. 5

	1000	100	10	1	•	0.1	0.01	0.001
4 x 6			2	4	•			
0.4 x 6				2	•	4		
4 x 0.6				2	•	4		
0.4 x 0.6				0	•	2	4	

### Decimal Multiplication

1)  $0.8 \times 3 = 2.4$

2)  $6 \times 0.7 = 4.2$

3)  $0.2 \times 0.7 = 0.14$

4)  $0.04 \times 0.6 = 0.024$

5)  $60 \times 0.04 = 2.4$

6)  $700 \times 0.008 = 5.6$

7)  $2.3 \times 8 = 18.4$

$23 \times 8 = 184$

8)  $6.4 \times 2.8 = 17.92$

$64 \times 28 = 1792$

9)  $26 \times 0.27 = 7.02$

$26 \times 27 = 702$

10)  $0.26 \times 0.57 = 0.1482$

$26 \times 57 = 1482$

$$\begin{array}{r} 23 \\ \times 8 \\ \hline 184 \end{array}$$

$$\begin{array}{r} 64 \\ \times 28 \\ \hline 512 \\ 1280 \\ \hline 1792 \end{array}$$

$$\begin{array}{r} 27 \\ \times 26 \\ \hline 162 \\ 540 \\ \hline 702 \end{array}$$

$$\begin{array}{r} 57 \\ \times 26 \\ \hline 342 \\ 1140 \\ \hline 1482 \end{array}$$

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

$3 \times 4 = 12$

$30 \times 4 = 120$

$30 \times 40 = 1200$

$3 \times 4 = 12$

$0.3 \times 4 = 1.2$

$3 \times 0.4 = 1.2$

$0.3 \times 0.4 = 0.12$

$0.03 \times 0.4 = 0.012$

$3 \times 4 = 12$

$30 \times 0.4 = 12$

$300 \times 0.004 = 1.2$

⑦

### Decimal Division

1)  $2.4 \div 4 = 0.6$

2)  $3.2 \div 8 = 0.4$

3)  $4.2 \div 6 = 0.7$

4)  $14.1 \div 3 = 4.7$

$$\begin{array}{r} 04.7 \\ 3 \overline{) 14.1} \end{array}$$

5)  $1.25 \div 5$

$$\begin{array}{r} 0.25 \\ 5 \overline{) 1.25} \end{array}$$

6)  $7.2 \div 6$

$$\begin{array}{r} 1.2 \\ 6 \overline{) 7.2} \end{array}$$

7)  $9.6 \div 6$

$$\begin{array}{r} 1.6 \\ 6 \overline{) 9.6} \end{array}$$

8)  $23.8 \div 4$

$$\begin{array}{r} 05.95 \\ 4 \overline{) 23.80} \end{array}$$

9)  $0.135 \div 5$

$$\begin{array}{r} 0.027 \\ 5 \overline{) 0.135} \end{array}$$

10)  $0.054 \div 3$

$$\begin{array}{r} 0.018 \\ 3 \overline{) 0.054} \end{array}$$



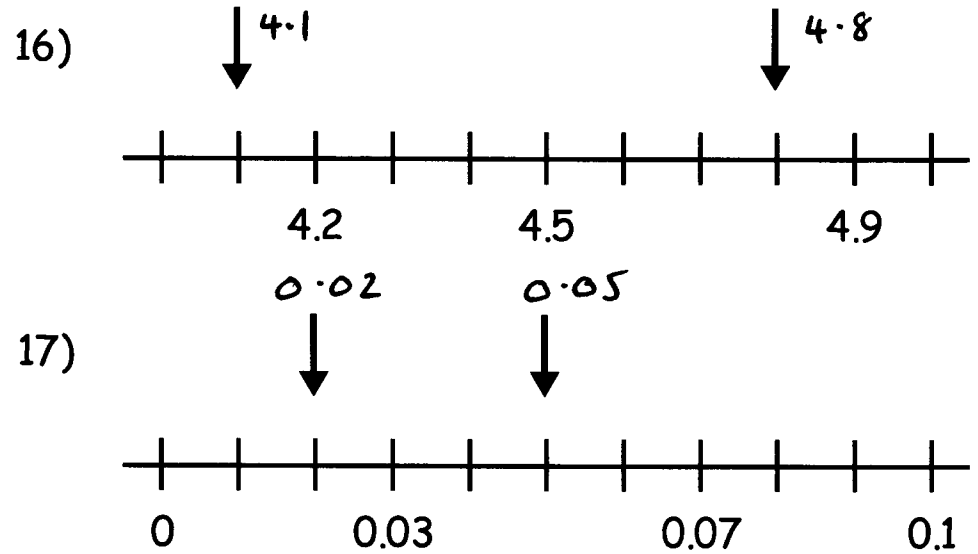
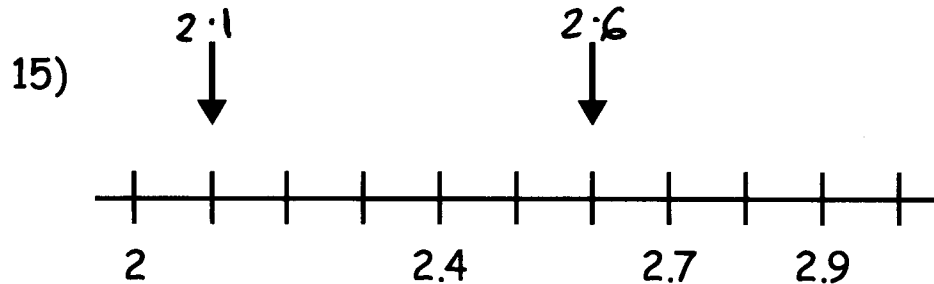
# Decimals

- 1) Add on 0.4    0.3, 0.7, 1.1, 1.5, 1.9
- 2) Add on 0.6    0.7, 1.3, 2.0, 2.7, 3.4
- 3) Add on 0.8    0.5, 1.3, 2.1, 2.9, 3.7
- 4) Take off 0.3    2.2, 1.9, 1.6, 1.3, 1
- 5) Take off 0.6    3.1, 2.5, 1.9, 1.3, 0.7
- 6) Take off 0.7    4.4, 3.7, 3, 2.3, 1.6

Work out the answers to

- 7)  $4.8 + 3.1 = 7.9$     11)  $5.4 - 2.3 = 3.1$
- 8)  $4.0 + 1.8 = 5.8$     12)  $4.2 - 1.5 = 2.7$
- 9)  $3.4 + 1.9 = 5.3$     13)  $5.0 - 2.7 = 2.3$
- 10)  $7.6 + 7.5 = 15.1$     14)  $3.0 - 1.6 = 1.4$

Write down the number the arrows are pointing to



18) Work out the answer to  $8 + 1.6 + 0.9$

$$\begin{array}{r} 8 \\ 1.6 \\ + 0.9 \\ \hline 10.5 \end{array}$$

19) Write down the 0.3 times table.

- |                      |                      |
|----------------------|----------------------|
| $1 \times 0.3 = 0.3$ | $6 \times 0.3 = 1.8$ |
| $2 \times 0.3 = 0.6$ | $7 \times 0.3 = 2.1$ |
| $3 \times 0.3 = 0.9$ | $8 \times 0.3 = 2.4$ |
| $4 \times 0.3 = 1.2$ | $9 \times 0.3 = 2.7$ |
| $5 \times 0.3 = 1.5$ | $10 \times 0.3 = 3$  |

- |                          |                        |
|--------------------------|------------------------|
| 20) $6 \times 0.3 = 1.8$ | 24) $1.2 \div 0.3 = 4$ |
| 21) $7 \times 0.3 = 2.1$ | 25) $1.5 \div 0.3 = 5$ |
| 22) $0.3 \times 8 = 2.4$ | 26) $2.4 \div 0.3 = 8$ |
| 23) $9 \times 0.3 = 2.7$ | 27) $0.9 \div 0.3 = 3$ |

- |                          |                          |                        |
|--------------------------|--------------------------|------------------------|
| 28) $0.8 \times 4 = 3.2$ | 29) $1.2 \times 3 = 3.6$ | 30) $2.4 \div 6 = 0.4$ |
|--------------------------|--------------------------|------------------------|

## Decimals

Put either > or < between these decimals

1)  $0.23 > 0.02$

4)  $0.254 < 0.8$

2)  $0.101 < 0.11$

5)  $0.623 < 0.632$

3)  $0.202 > 0.022$

6)  $-1.01 < 0.101$

Addition

$$\begin{array}{r} 2.3 \\ + 0.28 \\ \hline 2.58 \end{array}$$

7)  $2.3 + 0.28$

9)  $99 + 9.9 + 0.99$

$$\begin{array}{r} 99 \\ 9.9 \\ + 0.99 \\ \hline 109.89 \end{array}$$

8)  $1.1 + 0.101 + 0.1$

$$\begin{array}{r} 1.1 \\ 0.101 \\ + 0.1 \\ \hline 1.301 \end{array}$$

10)  $£5.23 + 68p + 7p$

$$\begin{array}{r} £5.23 \\ + 0.68 \\ + 0.07 \\ \hline £5.98 \end{array}$$

or 598p

$$\begin{array}{r} 5.23 \\ 0.68 \\ 0.07 \\ \hline 5.98 \end{array}$$

Subtraction

11)  $5.3 - 2.5$

$$\begin{array}{r} 5.3 \\ - 2.5 \\ \hline 2.8 \end{array}$$

12)  $1.4 - 0.8$

$$\begin{array}{r} 1.4 \\ - 0.8 \\ \hline 0.6 \end{array}$$

13)  $2 - 0.58$

$$\begin{array}{r} 2.00 \\ - 0.58 \\ \hline 1.42 \end{array}$$

14)  $0.1 - 0.01$

$$\begin{array}{r} 0.10 \\ - 0.01 \\ \hline 0.09 \end{array}$$

Multiply and divide by powers of 10

15)  $0.23 \times 10 = 2.3$

18)  $5.3 \div 10 = 0.53$

16)  $50.3 \times 100 = 5030$

19)  $425 \div 100 = 4.25$

17)  $0.025 \times 1000 = 25$

20)  $12.3 \div 1000 = 0.0123$

Multiply

21)  $0.3 \times 7 = 2.1$

24)  $2.3 \times 7 = 16.1$

22)  $4 \times 0.8 = 3.2$

25)  $6.3 \times 4 = 25.2$

23)  $0.6 \times 0.8 = 0.48$

26)  $5.7 \times 5 = 28.5$

Division

27)  $32.2 \div 7 = 4.6$

29)  $0.464 \div 8 = 0.058$

28)  $1.482 \div 6 = 0.247$

30)  $0.2115 \div 9 = 0.0235$

To divide by a decimal, multiply BOTH numbers by powers of 10 to remove the decimal from the number you are dividing by.

$$4.2 \div 0.06$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 420 \div & & 6 \end{array}$$

$$= 70 \quad \text{Note: you don't undo the } \times 100$$

$$1) 0.008 \div 0.04$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 0.8 \div & & 4 \end{array}$$

$$4) \overset{0.2}{\cancel{0.2}} \overset{0.8}{\cancel{0.8}}$$

$$2) 0.024 \div 0.4$$

$$\begin{array}{ccc} \times 10 \downarrow & & \downarrow \times 10 \\ 0.24 \div & & 4 \end{array}$$

$$4) \overset{0.06}{\cancel{0.06}} \overset{0.24}{\cancel{0.24}}$$

$$3) 3.2 \div 0.08$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 320 \div & & 8 \end{array}$$

$$8) \overset{40}{\cancel{40}} \overset{320}{\cancel{320}}$$

$$4) 0.42 \div 0.006$$

$$\begin{array}{ccc} \times 1000 \downarrow & & \downarrow \times 1000 \\ 420 \div & & 6 \end{array}$$

$$6) \overset{0.70}{\cancel{0.70}} \overset{420}{\cancel{420}}$$

$$5) 56 \div 0.08$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 5600 \div & & 8 \end{array}$$

$$8) \overset{0.700}{\cancel{0.700}} \overset{5600}{\cancel{5600}}$$

$$6) 54 \div 0.12$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 5400 \div & & 12 \end{array}$$

$$7) 8.58 \div 1.1$$

$$\begin{array}{ccc} \times 10 \downarrow & & \downarrow \times 10 \\ 85.8 \div & & 11 \end{array}$$

$$8) 80.4 \div 0.012$$

$$\begin{array}{ccc} \times 1000 \downarrow & & \downarrow \times 1000 \\ 80400 \div & & 12 \end{array}$$

$$9) 0.391 \div 1.7$$

$$\begin{array}{ccc} \downarrow \times 10 & & \downarrow \times 10 \\ 3.91 \div & & 17 \end{array}$$

$$10) 95.2 \div 0.17$$

$$\begin{array}{ccc} \times 100 \downarrow & & \downarrow \times 100 \\ 9520 \div & & 17 \end{array}$$

$$12) \overset{0450}{\cancel{0450}} \overset{5400}{\cancel{5400}}$$

$$11) \overset{07.8}{\cancel{07.8}} \overset{85.8}{\cancel{85.8}}$$

$$12) \overset{06700}{\cancel{06700}} \overset{80400}{\cancel{80400}}$$

$$17) \overset{0.23}{\cancel{0.23}} \overset{3.91}{\cancel{3.91}}$$

$$17) \overset{0560}{\cancel{0560}} \overset{9520}{\cancel{9520}}$$

## Writing decimals as fractions

For terminating decimals, remember the column headings after the decimal point: tenths, hundredths, thousandths etc.

$$0.3 = \frac{3}{10} \quad 0.47 = \frac{47}{100} \quad 0.367 = \frac{367}{1000}$$

For recurring decimals use the following rules

If the recurring part is a single digit e.g.  $0.222222\dots = 0.\dot{2}$ , the fraction is over 9.  $0.\dot{2} = \frac{2}{9}$

If the recurring part has two digits e.g.  $0.292929\dots = 0.2\dot{9}$ , the fraction is over 99.  $0.2\dot{9} = \frac{29}{99}$

If the recurring part has three digits e.g.  $0.234234234\dots = 0.2\dot{3}4$ , the fraction is over 999.

$$0.2\dot{3}4 = \frac{234}{999}$$

And so on.

### Exercise 1

Write these decimals as fractions, cancel where possible

$$1) 0.2 = \frac{2}{10} = \frac{1}{5}$$

$$6) 0.\dot{4} = \frac{4}{9}$$

$$2) 0.24 = \frac{24}{100} = \frac{6}{25}$$

$$7) 0.2\dot{6} = \frac{26}{99}$$

$$3) 0.74 = \frac{74}{100} = \frac{37}{50}$$

$$8) 0.39\dot{6} = \frac{396}{999} = \frac{44}{111}$$

$$4) 0.325 = \frac{325}{1000} = \frac{13}{40}$$

$$9) 0.\dot{3} = \frac{3}{9} = \frac{1}{3}$$

$$5) 1.24 = 1 \frac{24}{100} = 1 \frac{6}{25}$$

$$10) 0.2\dot{7} = \frac{27}{99} = \frac{3}{11}$$

$$\text{or } \frac{31}{25}$$

When a recurring decimal is not of one of these forms you have to use a different method.

$$0.\dot{2}1\dot{3} = 0.213131313.....$$

$$\text{Let } X = 0.213131313.....$$

Set up a subtraction involving multiples of 10 of X such that the recurring part of the numbers are lined up

$$\begin{aligned} X &= 0.2131313131313..... \\ 10X &= 2.1313131313131..... \\ 100X &= 21.3131313131313..... \\ 1000X &= 213.13131313131..... \end{aligned}$$

You can see that for 10X and 1000X the recurring part of the decimals (after the decimal point) are lined up

Subtract these two

$$\begin{array}{r} 1000X = 213.13131313131..... \\ 10X = \phantom{213.}2.13131313131..... \\ \hline \end{array}$$

$$990X = 211$$

the recurring digits after the decimal point all cancel

$$X = \frac{211}{990}$$

this is the answer (cancel if possible)

$$\textcircled{3} \quad X = 0.12666.....$$

$$\begin{array}{r} 1000X = 126.66..... \\ - 100X = 12.66..... \\ \hline \end{array}$$

$$900X = 114$$

$$X = \frac{114}{900} = \frac{19}{150}$$

$$\textcircled{4} \quad X = 0.5333.....$$

$$100X = 53.33.....$$

$$- 10X = 5.33.....$$

$$90X = 48$$

$$X = \frac{48}{90} = \frac{8}{15}$$

$$\textcircled{5} \quad X = 0.5247247247.....$$

$$\begin{array}{r} 10000X = 5247.247247..... \\ - 10X = 5.247247..... \\ \hline \end{array}$$

$$9990X = 5242$$

$$X = \frac{5242}{9990} = \frac{2621}{4995}$$

## Exercise 2

Write these decimals as fractions, cancel where possible

$$1) \quad 0.1\dot{4} \quad \textcircled{1} \quad X = 0.1444.....$$

$$100X = 14.444.....$$

$$- 10X = 1.444.....$$

$$90X = 13$$

$$X = \frac{13}{90}$$

$$2) \quad 0.3\dot{2}\dot{6}$$

$$3) \quad 0.12\dot{6}$$

$$4) \quad 0.5\dot{3}$$

$$5) \quad 0.5\dot{2}4\dot{7}$$

$$\textcircled{2} \quad X = 0.326262626.....$$

$$1000X = 326.2626.....$$

$$- 10X = 3.2626.....$$

$$990X = 323$$

$$X = \frac{323}{990}$$

## Decimals

1) Give that  $23 \times 37 = 851$ , write the answers to the following

- a)  $2.3 \times 3.7 = 8.51$     b)  $0.23 \times 370 = 85.1$     c)  $0.23 \times 0.37 = 0.0851$   
 d)  $851 \div 23 = 37$     e)  $8.51 \div 2.3 = 3.7$     f)  $8510 \div 0.37 = 23000$

- 2) a)  $9 + 0.04 + 0.87 + 0.3 = 10.21$     b)  $4 - 1.47 = 2.53$   
 c)  $0.6 \times 0.3 = 0.18$     d)  $3.4 \times 0.7 = 2.38$   
 e)  $2.4 \div 0.04 = 60$     f)  $9.3 - 1.8 \div 0.3$   
 $= 9.3 - 6$   
 $= 3.3$

3) Write the following fractions as decimals

- a)  $\frac{2}{5} = 0.4$     b)  $\frac{5}{8}$     c)  $\frac{5}{6} = 0.8\bar{3}$     d)  $\frac{2}{11} = 0.1\bar{8}$
- $$\begin{array}{r} 0.4 \\ 5 \overline{) 2.0} \end{array}$$

$$\begin{array}{r} 0.625 \\ 8 \overline{) 5.000} \end{array}$$

$$\begin{array}{r} 0.8333 \\ 6 \overline{) 5.0000} \end{array}$$

$$\begin{array}{r} 0.1818 \dots \\ 11 \overline{) 2.0000} \end{array}$$

4) Write the following decimals as fractions, cancel if possible.

- a)  $0.8 = \frac{8}{10} = \frac{4}{5}$     b)  $0.36 = \frac{36}{100} = \frac{9}{25}$     c)  $0.25 = \frac{25}{100} = \frac{1}{4}$     d)  $0.6\bar{5} = \frac{65}{90} = \frac{13}{18}$
- $$\begin{array}{r} x = 0.655 \dots \\ - 100x = 65.55 \dots \\ \hline 10x = 6.55 \dots \\ - 90x = 59 \dots \\ \hline x = \frac{59}{90} \end{array}$$

- 5) a) One metre of cable weighs 2.8 kg. How much does 3.5 metres of cable weigh?  
 $2.8 \times 3.5 = 9.8 \text{ kg}$   
 b) Henry pays £1.88 for 0.4 kg of beef. Calculate the cost of 1 kg of beef.  
 $1.88 \div 0.4 = 4.7$     £4.70

6) Paul had a £30 voucher to spend at a Garden Centre. He bought 6 rose trees costing £2.85 each. He spent the rest on bulbs costing 30p each. How many bulbs did he buy?  
 $6 \times 2.85 = \text{£}17.10$      $30 - 17.10 = \text{£}12.90$      $12.90 \div 0.30 = 43 \text{ bulbs}$

7) Sally spent £24.18 at the DIY shop. She bought 0.6 litres of paint at £3.20 per litre, 5 coat hooks at £3.67 each at some screws. The screws were 17p each. How many screws did she buy?

8) A can weighs 0.08kg, holds 0.6 litres of drink and costs £0.45.

a) How much will 28 cans weigh?  $28 \times 0.08 = 2.24 \text{ kg}$

b) How many cans are needed to provide 14.4 litres of drink?

$14.4 \div 0.6 = 24 \text{ cans}$

Paint  $0.6 \times 3.20 = \text{£}1.92$   
 Hooks  $5 \times 3.67 = \text{£}18.35$   
 Screws  $x \times 0.17 =$   
 $\underline{\hspace{1.5cm}}$   
 $24.18$   
 $24.18 - 1.92 - 18.35 = 3.91$   
 $\text{£}3.91 \div 0.17 = 23$   
 23 screws