

DR BAKER'S YEAR 5 MATHS
THURSDAY 30TH APRIL



WELCOME

Good Morning. Time for Thursday tables. Answers in books – see if you can get them more quickly today.

$88 \div 8 = \underline{\quad}$

$6 \times 3 = \underline{\quad}$

$12 \times 7 = \underline{\quad}$

$8 \div 8 = \underline{\quad}$

$12 \times 5 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$3 \times 8 = \underline{\quad}$

$32 \div 4 = \underline{\quad}$

$4 \times 7 = \underline{\quad}$

$3 \times 1 = \underline{\quad}$

$28 \div 7 = \underline{\quad}$

$36 \div 12 = \underline{\quad}$

$7 \times 11 = \underline{\quad}$

$8 \times 4 = \underline{\quad}$

$4 \div 4 = \underline{\quad}$

$8 \div 4 = \underline{\quad}$

$11 \times 12 = \underline{\quad}$

$21 \div 7 = \underline{\quad}$

$10 \times 6 = \underline{\quad}$

TASKS FOR TODAY

L.O. To convert between fractions, decimals and percentages

Today we are going to convert between decimals and percentages. For this we need to remember that the decimal 0.01 is just the same as $\frac{1}{100}$ or 100%. So to turn a decimal into a percentage we just need to multiply it by 100 (or move the numbers two places over the decimal point).

Here are some common ones you should learn by heart.

$$0.5 = 50\% \quad 0.1 = 10\%$$

$$0.25 = 25\% \quad 0.75 = 75\%$$

$$0.2 = 20\% \quad 1 = 100\%$$

Once you get the hang of it, this conversion is really straightforward, you just need to look for the pattern.

SET A

1. Write these decimals as percentages.

a) 0.27

b) 0.32

c) 0.58

d) 0.92

e) 0.45

f) 0.2

g) 0.6

h) 0.24

i) 0.18

j) 0.4

2. Write these percentages as decimals.

a) 50%

b) 19%

c) 32%

d) 25%

e) 14%

f) 99%

g) 10%

h) 75%

i) 20%

j) 49%



SET B WORK

IF YOU HAVE THE NUMBER TEXTBOOKS

Write the percentages from Textbook 2 Page 50 Q14 – 22 and Page 52 Q16-21 as decimals.
Do question 1 from the Set A work.

IF YOU HAVE THE EVOLVE TEXTBOOKS

Write the percentages from Textbook 3 Page 70 Q19-26 as decimals. Do question 1 from Set A work



SET C WORK

Copy and complete the table. Make sure you simplify the fractions as far as possible.



DECIMAL	PERCENT	FRACTION
0.6	60%	$\frac{60}{100} = \frac{3}{5}$
0.2		
0.5		
0.25		
0.75		
0.12		
0.45		
0.42		
0.81		
0.47		
0.18		
0.04		
0.125		
0.39		
1.3		

ANSWERS TO SET A

1. a) 27%

i) 18%

b) 32%

j) 40%

c) 58%

d) 92%

e) 45%

f) 20%

g) 60%

h) 24%

2.

a) 0.5(0)

b) 0.19

c) 0.32

d) 0.25

e) 0.14

f) 0.99

g) 0.1

h) 0.75

i) 0.2

j) 0.49



ANSWERS TO SET B NUMBER TEXTBOOK

14. 0.3	21. 0.4	19. 0.75
15. 0.9	22. 0.7	20. 0.67
16. 0.6		21. 0.02
17. 0.1	Page 51	
18. 0.5	16. 0.29	
19. 0.8	17. 0.1	
20. 0.2	18. 0.98	

EVOLVE TEXTBOOK

19. 0.3
20. 0.25
21. 0.90
22. 0.2
23. 0.1
24. 0.75
25. 0.7
26. 1.1



SET C

DECIMAL	PERCENT	FRACTION
0.6	60%	$\frac{60}{100} = \frac{3}{5}$
0.2	20%	$\frac{1}{5}$
0.5	50%	$\frac{1}{2}$
0.25	25%	$\frac{1}{4}$
0.75	75%	$\frac{3}{4}$
0.12	12%	$\frac{3}{25}$
0.45	45%	$\frac{9}{20}$
0.42	42%	$\frac{21}{50}$
0.81	81%	$\frac{81}{100}$
0.47	47%	$\frac{47}{100}$
0.18	18%	$\frac{9}{50}$
0.04	4%	$\frac{1}{25}$
0.125	12.5%	$\frac{1}{8}$
0.39	39%	$\frac{39}{100}$
1.3	130%	$1 \frac{3}{10}$ (or $\frac{13}{10}$)



REMEMBER:

- **Talk to someone on your network hand if you are worried about something.**
- **If nobody is listening to your worries or there is nobody to talk to, you can google Childline or call them on 08001111. Adults at Childline are used to talking to children with worries and can help you.**
- **If you feel unsafe at home or are worried that a friend is not safe, call Mrs Patchett on 07787261064.**