Homework

Friday 11th April 2024

Please complete the following:

English	**Reading** Read at home on at least **three** separate occasions and record in your reading diary. These must be handed in daily to be signed. **Spellings** Practise your spellings. These will be uploaded on Spelling shed too. You will have a test on Friday.
Mathematics	MAIN HOMEWORK: 1) Year 6 Core Arithmetic Test 8. Please complete on the sheet. You <u>do not</u> need to stick this in your homework book. And 2) Percentages, fractions and decimals reasoning questions. Please complete on the sheet. You <u>do not</u> need to stick this in your homework book.
Other	Read over any previous past papers and revise anything you have struggled with. Look up any key concepts that you are not confident with on the following websites. Revision Websites: https://www.bbc.co.uk/bitesize/subjects/zv48q6f/year/zncsscw https://ttrockstars.com/ https://myminimaths.co.uk/year-6-mini-maths/ https://mathsframe.co.uk/ **Year 3/4&5/6 word lists** Don't forget to keep reviewing the word lists and practise the words you are unfamiliar with. As well as being useful to include in your writing, these words may pop up in the SATs test…

If you need any further guidance on how to complete the tasks, please ask! Don't leave it until Wednesday!

Remember, have a go and try your best!

testbase

1	485 + 100 =		1 mark
2	83 × 0 =		1 mark
3	400 − 1 =		1 mark
4	593 ÷ 1 =		1 mark
5	9 × 5 × 2 =		1 mark
6	7 × 7 =		1 mark
7	60 352 + 8793 =		1 mark

8	$\frac{1}{8}$ of 996 =		
			1 mark

9	6291 − 4834		
			1 mark

10	9.03 × 10 =		
			1 mark

11	37.9 + 87.4		
			1 mark

12	154 × 7 =		
			1 mark

13	0.6 = ? %		
			1 mark

14	686 ÷ 8 =		
			1 mark

15	$3^{3} =$		1 mark
16	$2\frac{2}{9} + 3\frac{5}{9} =$		1 mark
17	$12.05 \div 100 =$		1 mark
18	$0.06 \times 7 =$		1 mark
19	$\frac{5}{6} = \frac{20}{?}$		1 mark
20	$9.07 \times 5 =$		1 mark
21	$\begin{array}{r} 409 \\ \times \quad 45 \\ \hline \end{array}$		2 marks

testbase

22	$1\frac{1}{3} \times 2 =$		1 mark
23	$\frac{4}{5}$ of 450 =		1 mark
24	$53\overline{)2248} =$		2 marks
25	$\frac{1}{5} \times \frac{1}{3} =$		1 mark
26	66% of 3000 =		1 mark
27	$\frac{1}{6} \div 2 =$		1 mark
28	$\frac{6}{7} - \frac{3}{4} =$		1 mark

Mark scheme

1. 585 **[1]**

2. 0 **[1]**

3. 399 **[1]**

4. 593 **[1]**

5. 90 **[1]**

6. 49 **[1]**

7. 69 145 **[1]**

8. 124.5 or 124½ **[1]**

9. 1457 **[1]**

10. 90.3 **[1]**

11. 125.3 **[1]**

12. 1078 **[1]**

13. 60 **[1]**

14. 85 r6 or 85.75 **[1]**
or $85\frac{3}{4}$ or $85\frac{6}{8}$

15. 27 **[1]**

16. $5\frac{7}{9}$ **[1]**

17. 0.1205 **[1]**

18. 0.42 **[1]**

19. 24 **[1]**

20. 45.35 **[1]**

21. *For 2 marks*: 18 405 **[2]**

For 1 mark:

$$
\begin{array}{r}
409 \\
\times\quad 45 \\
\hline
2045 \\
16360 \\
\hline
18405
\end{array}
$$

*An error in one row, then added correctly, **or** an error in the addition*

22. $2\frac{2}{3}$ **[1]**

23. 360 **[1]**

24. *For 2 marks*: **[2]**
42 r22 or $42\frac{22}{53}$ or 42.4(15…)

For 1 mark:
42 or evidence of either a long division method or short division method with only one error (carry figures must be seen in a short division method)

25. $\frac{1}{15}$ **[1]**

26. 1980

27. $\frac{1}{12}$ **[1]**

28. $\frac{3}{28}$ **[1]**

1. Draw a line to join each fraction to a percentage of the same value.

$\frac{1}{4}$ 10%

                    50%

$\frac{1}{10}$

                    25%

$\frac{1}{2}$ 4%
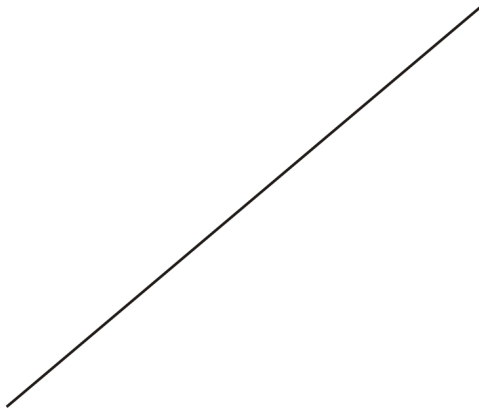
2. Tick each of the cards that shows **more** than a half.

$\frac{6}{8}$ 70%

37%   0.34 $\frac{3}{4}$

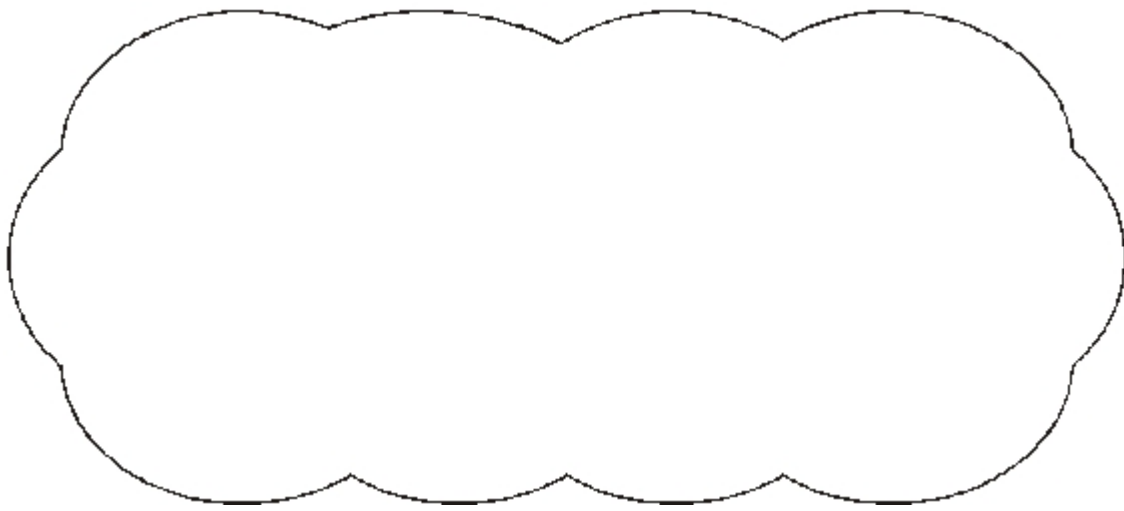$\frac{3}{6}$ 0.55

3. Hassan scores 40 out of 80 in a test.

Kate scores 40% in the same test.

Who has the higher score?

Circle **Hassan** or **Kate**.

Hassan / Kate

Explain how you know.
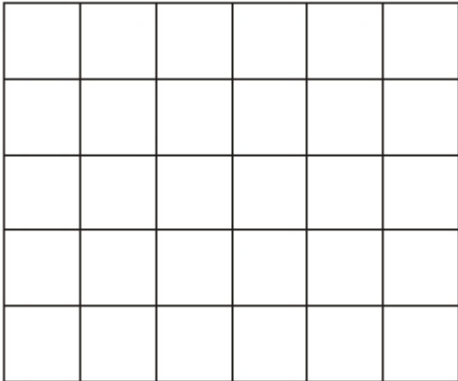
1 mark

4.

$$34\% = \frac{?}{100}$$

1 mark

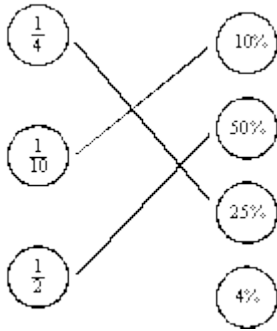**5.** 0.02 = ? %

1 mark

6. Here is a grid made of squares.

Shade **10%** of this grid.

1 mark

Mark schemes

1.

Both correct for 1 mark.

[1]

2. Circles drawn around **all** of

$\dfrac{6}{8}$ 70% $\dfrac{3}{4}$ 0.55

If extra circles are drawn, do not award the mark unless the intention is clear. Accept any other clear way of indicating these amounts.

[1]

3. An explanation which correctly compares two percentages or two scores, eg:

- '40 out of 80 is 50%'

- '50% is more than 40%'

- '40% of 80 is 32'

- '40 out of 80 is better than 40 out of 100'

- '40 out of 80 is more than 32 out of 80'

- 'Kate has less than half marks'.

> *No mark is awarded for circling 'Hassan' alone.*
>
> ***Do not*** *accept vague or incomplete explanations, eg:*
> - *'Hassan has half marks'*
> - *'Percentages are bigger'*
> - *'Hassan has more than 40%'*
> - *'Kate has less than 40 out of 80'.*
>
> *If 'Kate' is circled but a correct unambiguous explanation is given, then award the mark.*
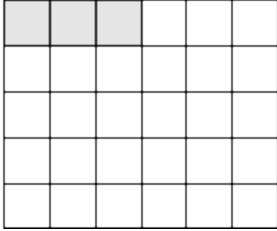
U1

[1]

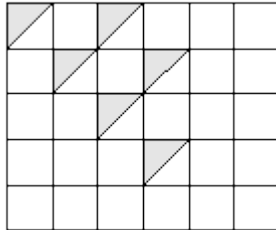**4.** 34

[1]

5. 2

[1]

6. Any three squares shaded, eg

Shaded squares need not be joined in any way.
Shading may be in terms of part squares, eg

Accept slight inaccuracies in shading provided the intention is clear.

[1]