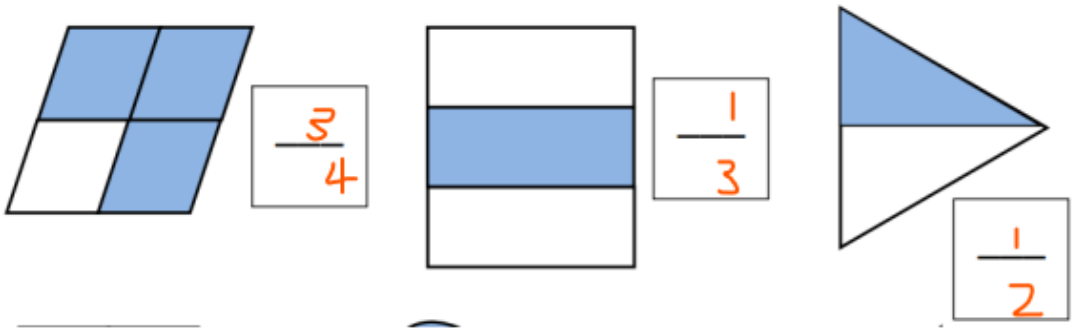
Name …….
Class…….

1-

1-

Write the correct fraction of each shape which has been shaded.



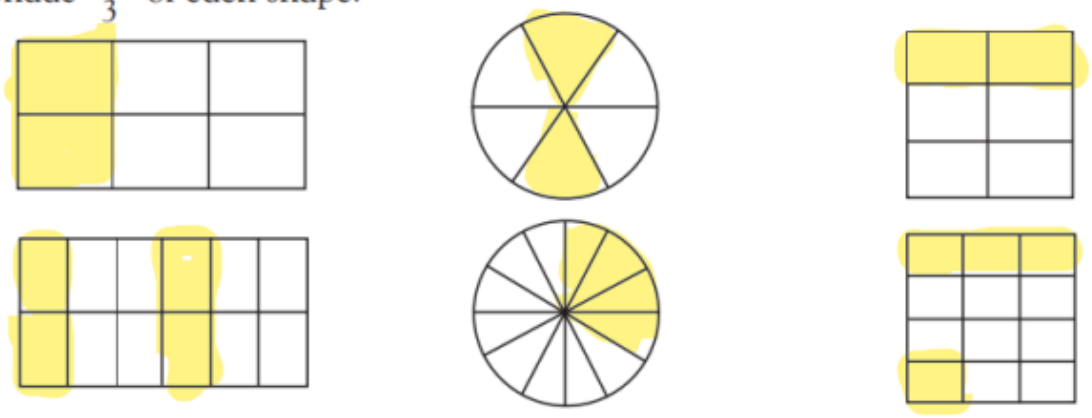
2-

Which is larger $\frac{1}{7} > \frac{1}{10}$

Which is larger $\frac{1}{6} < \frac{3}{6}$

3-

Shade $\frac{1}{3}$ of each shape.



4

There are a total of 20 clownfish and angelfish in a tank.
¼ of the fish are angelfish.
How many of each type of fish are there?

There are 5 angelfish and 15 clownfish.

Newton swims a total of 12 lengths. He swims a third of the lengths on his front and the rest on his back.
How many lengths does he swim on his front?

He swims 4 lengths on his front.

5-

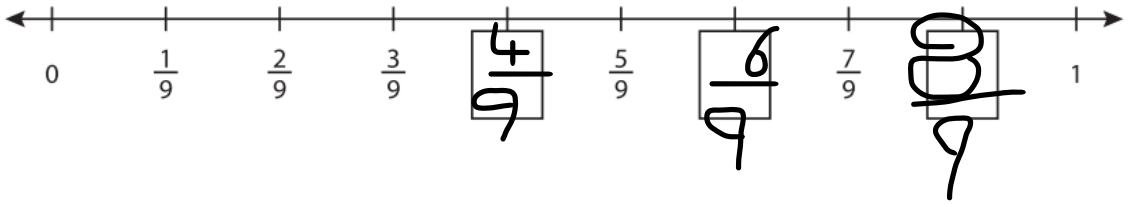
Complete the equivalent fractions.

1. $\frac{2}{7} = \frac{12}{42}$
2. $\frac{2}{3} = \frac{10}{15}$
3. $\frac{3}{4} = \frac{27}{36}$
4. $\frac{9}{6} = \frac{21}{42}$
5. $\frac{1}{2} = \frac{5}{10}$
6. $\frac{2}{5} = \frac{16}{40}$
7. $\frac{18}{25} = \frac{72}{100}$
8. $\frac{8}{10} = \frac{40}{50}$
9. $\frac{9}{6} = \frac{35}{42}$

6-

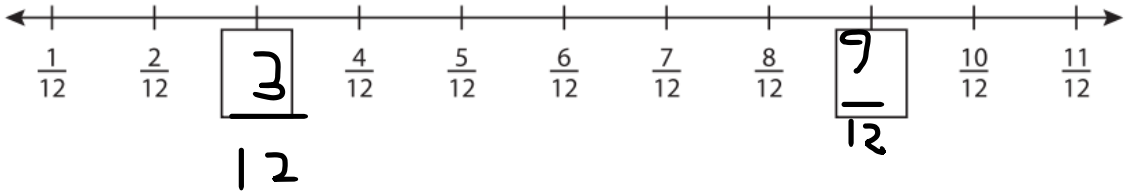
Write the missing fractions in each number line.

1)



2)

3)



7-

Make one whole

56% + ... = 1

5 6% + 4 4 % =100%

45% + …55 %…… = 1

5% + 95%…… = 1

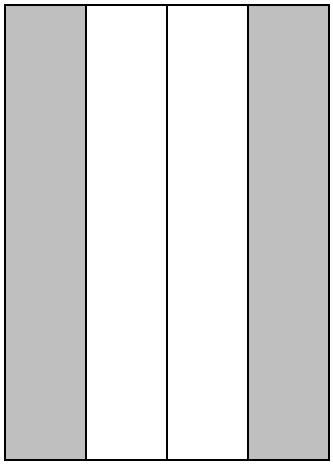
……33%…+ 67% = 1

8-

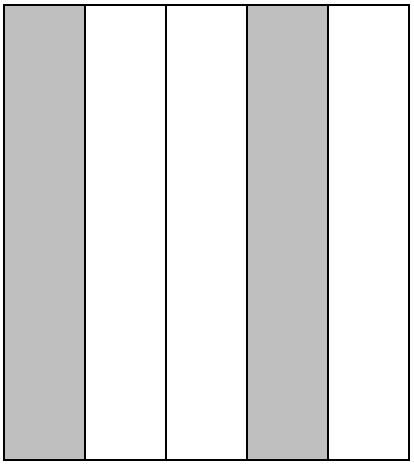
Complete this table

Fraction	Percentage %
$\frac{1}{4}$	25 %
$\frac{2}{4}$	50 %
$\frac{3}{4}$	75 %
$\frac{1}{2}$	50 %
$\frac{1}{10}$	10 %
$\frac{2}{10}$	20%
$\frac{1}{5}$	20%
$\frac{45}{100}$	**45 %**
$\frac{67}{100}$	**67 %**
$\frac{35}{100}$	**35 %**
$\frac{5}{100}$	**5 %**

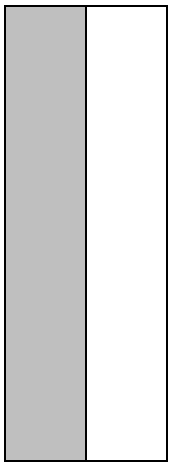
9-What the percentage of each shape that is coloured in



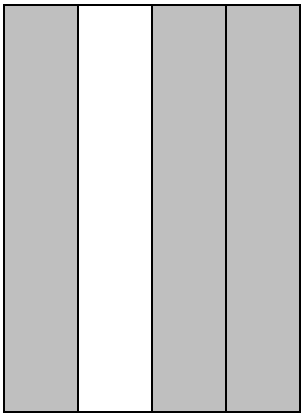
……50…… %



……40…… %



…50…… %



……75…… %

10) What is the value of the 7 in this number?

678897

……7… …… , 70000……

11) Decompose this number

678897

7+90+800+8000+70000+600000

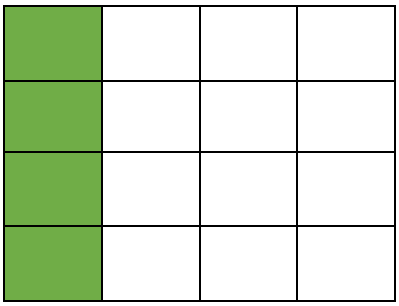
12)

Round to the accuracy of the underlined digit.

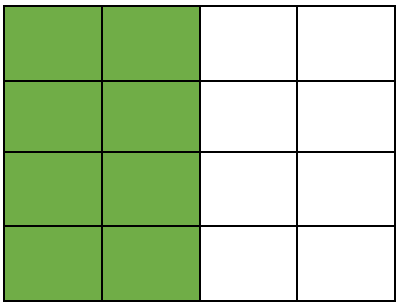
1. 3,7̲66 = 3800	2. 4̲,722 = 5000	3. 4,4̲24 = 4400
4. 7,4̲30 = 7400	5. 8̲,146 = 8000	6. 1̲,458 = 1000
7. 1̲,013 = 1000	8. 2,70̲3 = 2700	9. 4,8̲80 = 4900
10. 8,5̲30 = 8500	11. 1,3̲10 = 1300	12. 2̲,479 = 2000

13)

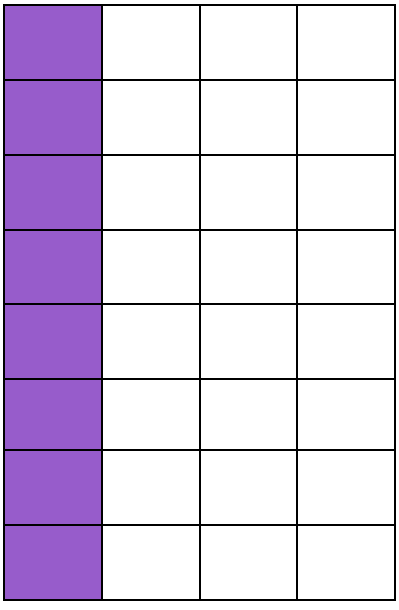
Shade $\frac{1}{4}$ Of the shape



Shade $\frac{1}{2}$ Of the shape



Shade $\frac{1}{4}$ Of the shape



14)

1) Circle the numbers below which are multiples of 4:

22 34 32 28 14 41 44

2) Circle the numbers below which are factors of 20:

1 2 5 10 12 20 40

can be halved and halved again so it is a multiple of 4.

Half of 44 is 22 HALF IT AGAIN HALF OF 22 IS 1111 is a whole number so 44 is a multiple of 4

3) Fill in the table below

NUMBER	MULTIPLE OF 3	FACTOR OF 36
15	YES	NO
13	NO	NO
6	YES	YES
10	NO	NO
4	NO	YES
21	YES	NO
12	YES	YES

15) Write the first four terms of a sequence

with first term 1

and term-to-term rule 'add 11'

1, 12, 23,34

16) A sequence starts at 40 and 9 is subtracted each time.

40, 31, 22, …

what are the next two terms?

13, 4

What are the first two numbers in the sequence that are less than zero?

-5 , -14

17) Sofia makes a number sequence.

The first term is 22 and the term-to-term rule is 'subtract 2'.

Sofia says, 'If I keep subtracting 2 from 22,

I will eventually reach 0.'

Is she correct? Explain your answer

Yes because 22 is a multiple of 2

18) Pierre starts counting at 88 and counts back in steps of 8.

88, 80, 72, 64, …

Will the number 1 be in the sequence? How can you tell without counting back?

No