

ORDERING FRACTIONS

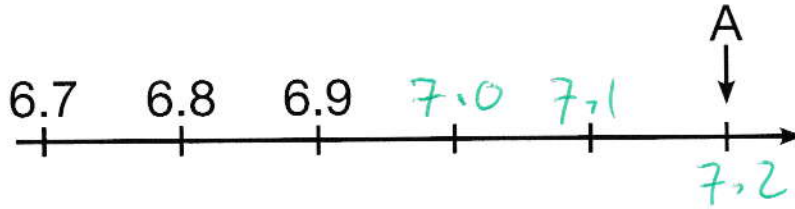
CONTENT DOMAIN REFERENCES:

KS2 SATS


PRACTICE QUESTIONS BY TOPIC

1

[2013]



What number is marked at A?



[1 mark]

2

[2007]

Write these numbers in order of size, starting with the smallest.


3.01 ✓

13.0 ✓

0.31 ✓

1.30 ✓

3.1 ✓



smallest

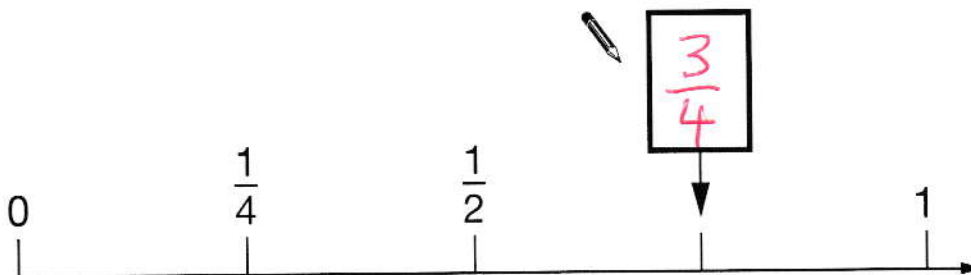
[1 mark]

3

Here is part of a number line.

[2011]

Write in the missing fraction.



[1 mark]

4 Write these numbers in order of size, starting with the **smallest**.

[2017]

1.9
4

0.96
2

1.253
3

0.328
1

0.328

smallest

0.96

1.253

1.9

[1 mark]

5 Put a tick (✓) in **each row** to complete this table.

[2001]

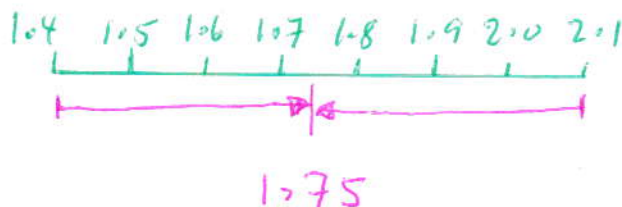
One has been done for you.

	greater than $\frac{1}{2}$	less than $\frac{1}{2}$
0.9	✓	
0.06		✓
$\frac{11}{20}$	✓	
0.21		✓

[2 marks]

6 What number is halfway between 1.4 and 2.1?

[2016S]



1.75

[1 mark]

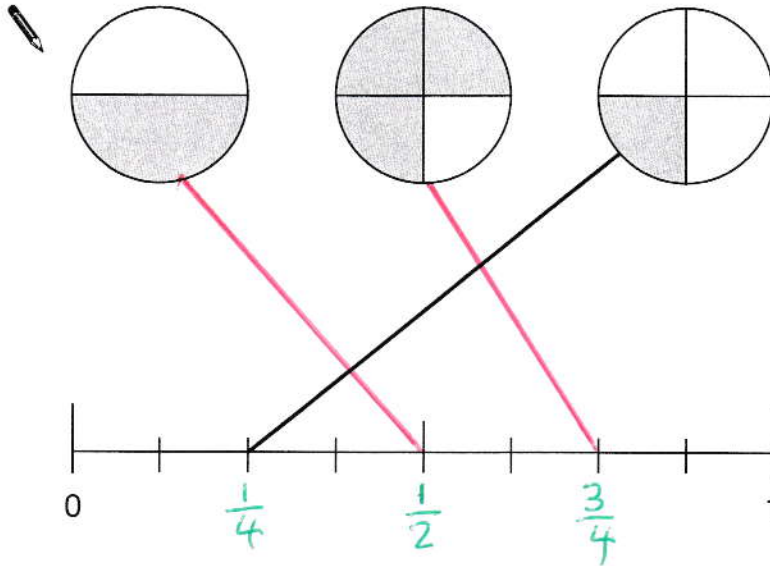
7

A fraction of each shape is shaded.

[2009]

Match each fraction to the correct place on the number line.

One has been done for you.



[2 marks]

8

Write these numbers in order, starting with the **smallest**.

[2016]

0.78
3

0.607
2

5.6
5

0.098
1

4.003
4

0.098

0.607

0.78

4.003

5.6

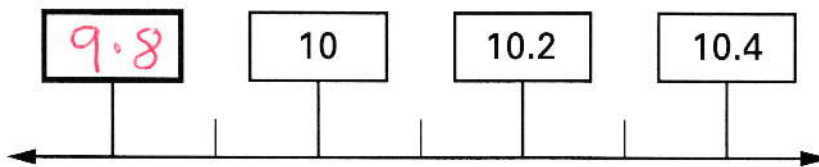
smallest

[1 mark]

9

Write in the **missing** number on this number line.

[2001]



[1 mark]

10

Circle the number **closest** in value to 0.1

[2002]



0.01

0.05

0.11

0.2

0.9

[1 mark]

11

Here are four fraction cards.

[2016S]

$\frac{3}{4}$

$\frac{5}{8}$

$\frac{6}{12}$

$\frac{7}{16}$

Use any **three** of the cards to make this correct.

$\frac{7}{16}$

<

$\frac{6}{12}$

<

$\frac{5}{8}$

[ALSO

$\frac{7}{16} < \frac{6}{12} < \frac{3}{4}$

$\frac{7}{16} < \frac{5}{8} < \frac{3}{4}$

$\frac{6}{12} < \frac{5}{8} < \frac{3}{4}$

[1 mark]

12

Circle **all** the numbers that are **greater than** 0.6

[2007]



0.5

0.8

0.23

0.09

0.67

[1 mark]

13

Write these numbers in order, starting with the smallest.

[2014]

8.12

4

1.8

2

8.118

3

8.2

5

1.28

1



1.28

1.8

8.118

8.12

8.2

smallest

[1 mark]

14In each box, circle the number that is **greater**.

[2017]

$1\frac{1}{2}$ 1.2

1.5

$1\frac{1}{4}$ 1.3

1.25

$1\frac{5}{100}$ 1.4

1.05

$1\frac{3}{5}$ 1.5

1.6

[2 marks]

15

Circle the number that is closest to 20

[2015]

19.95 20.1 19.09 20.09 20.201

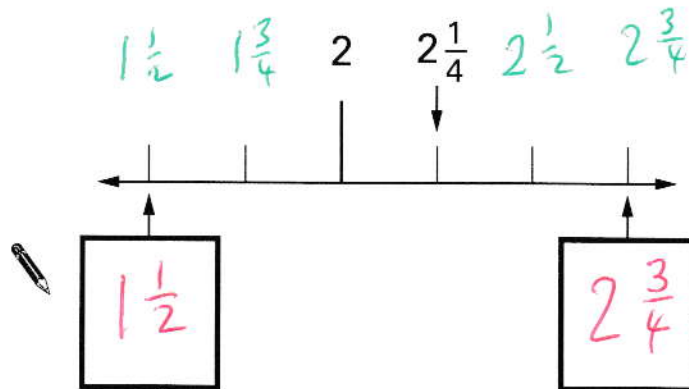
[1 mark]

16

Here is part of a number line.

[2004]

Write in the two missing numbers.



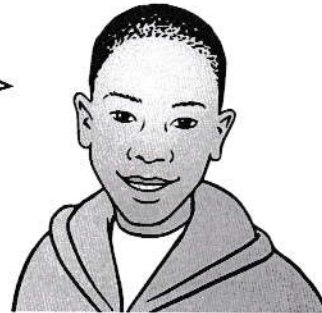
[2 marks]

17

Adam says,

[2017]

0.25 is **smaller** than $\frac{2}{5}$



Explain why he is correct.

BECAUSE $\frac{2}{5} = 0.4$ AND
 0.25 IS SMALLER THAN 0.4 !

[1 mark]

18Circle the fraction that is greater than $\frac{1}{2}$ but less than $\frac{3}{4}$

[2010]



$\frac{7}{8}$

$> \frac{1}{2}$

$\frac{2}{5}$

$\frac{1}{3}$

$\frac{5}{8}$

$> \frac{1}{2}$

$\frac{3}{6}$

[1 mark]

19

Write these in order of size, starting with the smallest.

[2013]

$\frac{2}{3}$

0.6

0.5

$\frac{3}{5}$

0.6

0.65



0.5

smallest

$\frac{3}{5}$

0.65

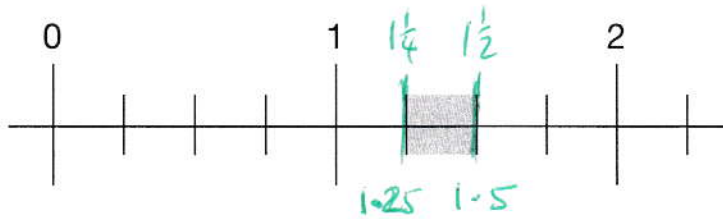
$\frac{2}{3}$

[1 mark]

20

Part of this number line is shaded.

[2007]

Circle **all** the numbers below that belong in the shaded part of the number line.

1.1

1.4

$1\frac{1}{3}$

$1\frac{1}{5}$


-

[1 mark]

21

Write these fractions in order of size starting with the smallest.

[2005]


$\frac{3}{4}$	$\frac{3}{5}$	$\frac{9}{10}$	$\frac{17}{20}$
0.75 2	0.6 1	0.9 4	0.85 3
 $\frac{3}{5}$	$\frac{3}{4}$	$\frac{17}{20}$	$\frac{9}{10}$
smallest			

[1 mark]

22

Write these in order of size, starting with the smallest.

[2012]

0.75			0.43
$\frac{3}{4}$ 4	0.34 1	0.7 3	43% 2
 0.34	43%	0.7	$\frac{3}{4}$
smallest			

[1 mark]

23

What fraction is **exactly** half-way between $\frac{3}{5}$ and $\frac{5}{7}$?

[2000]

[FIND COMMON DENOMINATOR!]

$\frac{3}{5} = \frac{21}{35}$,	$\frac{5}{7} = \frac{25}{35}$	
HALFWAY BETWEEN $\frac{21}{35}$ AND $\frac{25}{35}$			$\frac{23}{35}$
is $\frac{23}{35}$			

[1 mark]