

Name: \_\_\_\_\_

## Exam Style Questions

### Ordering Fractions, Decimals and Percentages



Corbettmaths

Ensure you have: Pencil, pen, ruler, protractor, pair of compasses and eraser

You may use tracing paper if needed

#### Guidance

1. Read each question carefully before you begin answering it.
2. Don't spend too long on one question.
3. Attempt every question.
4. Check your answers seem right.
5. Always show your workings

Revision for this topic

[www.corbettmaths.com/contents](http://www.corbettmaths.com/contents)

## Video 131



1. Write these numbers in order of size. Start with the smallest number.



$60\%$      $\frac{1}{2}$      $0.3$      $\frac{3}{4} = 0.4$      $\frac{3 \times 25}{4 \times 25} = \frac{75}{100}$   
 $50\%$      $30\%$      $75\%$      $40\%$

$0.3 < 0.4 < \frac{1}{2} < 60\% < \frac{3}{4}$   
(2)

2. Write these numbers in order of size. Start with the smallest number.



$\frac{1}{4}$      $30\%$      $\frac{3}{8}$      $0.2$      $0.17$   
 $25$      $\downarrow$      $?$      $20$      $17$   
 $0.375$      $37.5\%$   
 $37.5$   
 $0.17, 0.2, \frac{1}{4}, 30\%$

(2)

3. Write these numbers in order of size. Start with the smallest number.



$73\%$      $\frac{2}{3}$      $0.9$      $\frac{3}{4}$      $0.87$   
 $73$      $\downarrow$      $90$      $\downarrow$      $87$   
 $66$      $75$   
 $4 \times 25$   
 $2 \quad 20 \quad 20 \quad | \quad 3$   
 $0.66$

$\frac{2}{3}$      $73\%$      $\frac{3}{4}$      $0.87$      $0.9$   
(2)



7.



Is Greg correct?  
Explain your answer.

no. Because  $0.2=20\%$  and 20 is bigger than 18

.....

.....

.....

(1)

8.



Is Sophia correct?  
Explain your answer.

she is

.....

.....

.....

(1)

9. Write these numbers in order of size.  
Start with the smallest number.



$$42\% \quad \frac{4}{9} \quad 0.5 \quad \frac{3}{7}$$

.....  
(2)

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10. Write these numbers in order of size.  
Start with the smallest number.



$$62.8\% \quad \frac{13}{21} \quad 0.6\dot{1} \quad \frac{2}{3}$$

.....  
(2)

11. These are some of Brian's summer exam results.



Art  $\frac{14}{25}$

Biology 64%

German 49%

Latin  $\frac{25}{43}$

Music  $\frac{11}{15}$

Physics 54%

Arrange the subjects in order, starting with the best result.