

Name: _____

Exam Style Questions

Ordering Fractions,
Decimals and Percentages



Equipment needed: Pen, Calculator

Guidance

1. Read each question carefully before you begin answering it.
2. Check your answers seem right.
3. Always show your workings

Video Tutorial

www.corbettmaths.com/contents

Video 131



Answers and Video Solutions



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



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

0.35

20 %

.....
(1)

2. Write the following in order of size, smallest first.



0.65

$$\frac{2}{3}$$

6.8 %

.....
(1)

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



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

.....
(2)

4. On Monday, Jalil writes down the probability of rain for the next 4 days.



Day	Tuesday	Wednesday	Thursday	Friday
Probability of rain	0.08	$\frac{1}{5}$	$\frac{7}{20}$	31%

- (a) Which day has the greatest chance of rain?

.....
(2)

- (b) Which day has the least chance of rain?

.....
(2)

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



$$\frac{1}{4} \quad 30\% \quad \frac{3}{8} \quad 0.2 \quad 0.17$$

.....
(2)

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



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

.....
(2)

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



$$65\% \quad \frac{7}{10} \quad 0.68 \quad \frac{2}{3} \quad \frac{3}{5}$$

.....
(2)

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



66% $\frac{13}{20}$ 0.606 $\frac{1}{2}$ $\frac{3}{5}$

.....
(2)

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



0.13 $\frac{3}{20}$ 12% $\frac{1}{10}$ 0.09

.....
(2)

10. Greg says “18% is greater than 0.2”



Is Greg correct?

Explain your answer.

.....

.....

.....

(1)

11. Sophia says “0.64 is less than $\frac{13}{20}$ ”



Is Sophia correct?

Explain your answer.

.....

.....

.....

(1)

12. 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)

13. 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)

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



$$\text{Art} \quad \frac{14}{25}$$

$$\text{Biology} \quad 64\%$$

$$\text{German} \quad 49\%$$

$$\text{Latin} \quad \frac{25}{43}$$

$$\text{Music} \quad \frac{11}{15}$$

$$\text{Physics} \quad 54\%$$

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

.....

15. Put these numbers in order from smallest to largest.



$$\frac{11}{5}$$

$$219\%$$

$$2.4$$

$$\frac{7}{3}$$

.....
(2)