

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

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
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% 37.5% 20% 17%

0.17, 0.2, $\frac{1}{4}$, 30%, $\frac{3}{8}$
(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
66. $\dot{6}$ % 0.9 75% 87%
90%

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

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



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

$$70\% \quad 68\% \quad 66.6\% \quad 60\%$$

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

(2)

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



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

$$65\% \quad 60.6\% \quad 50\% \quad 60\%$$

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

(2)

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



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

$$13\% \quad 15\% \quad 10\% \quad 9\%$$

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

(2)

7.



18% is greater than 0.2



Is Greg correct?
Explain your answer.

No, 0.2 is 20%.

(1)

8.



0.64 is less than $\frac{13}{20}$



Is Sophia correct?
Explain your answer.

Yes, $\frac{13}{20}$ is 65%.

(1)

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



$$42\% \quad \frac{4}{9} \quad 0.5 \quad \frac{3}{7}$$
$$44.4\% \quad 50\% \quad 42.857\%$$

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

(2)

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



$$62.8\% \quad \frac{13}{21} \quad 0.6\dot{1} \quad \frac{2}{3}$$
$$61.904\% \quad 61.1\% \quad 66.6\%$$

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

(2)

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



- (4) Art $\frac{14}{25}$ 56%
- (2) Biology 64%
- (~~6~~) German 49%
- (3) Latin $\frac{25}{43}$ 58.1395...%
- (1) Music $\frac{11}{15}$ 73.3...%
- (~~5~~) Physics 54%

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

Music, Biology, Latin, Art, Physics, German