

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

Exam Style Questions



Ordering Fractions

Corbettmaths

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

You may use tracing paper if needed

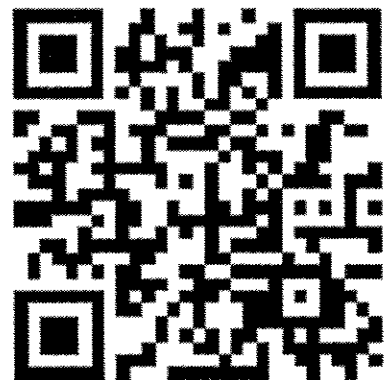
### Guidance

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 144



1. Write down the largest of these three fractions.

$$\frac{3}{5} \quad \frac{11}{20} \quad \frac{1}{2}$$

$$\frac{12}{20} \quad \frac{11}{20} \quad \frac{10}{20}$$

$$\frac{3}{5}$$

.....  
(2)

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

$$\frac{7}{10} \quad \frac{3}{4} \quad \frac{1}{2} \quad \frac{3}{5}$$
$$\frac{14}{20} \quad \frac{15}{20} \quad \frac{10}{20} \quad \frac{12}{20}$$

$$\frac{1}{2} \quad \frac{3}{5} \quad \frac{7}{10} \quad \frac{3}{4}$$

.....  
(2)

- 
3. Arrange these fractions in order, smallest first.

$$\frac{2}{3} \quad \frac{7}{9} \quad \frac{5}{6} \quad \frac{11}{18}$$
$$\frac{12}{18} \quad \frac{14}{18} \quad \frac{15}{18} \quad \frac{11}{18}$$

$$\frac{11}{18} \quad \frac{2}{3} \quad \frac{7}{9} \quad \frac{5}{6}$$

.....  
(2)

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

$$\frac{7}{10} \quad \frac{3}{5} \quad \frac{8}{15} \quad \frac{2}{3}$$

$$\frac{21}{30} \quad \frac{18}{30} \quad \frac{16}{30} \quad \frac{20}{30}$$

$$\frac{8}{15} \quad \frac{3}{5} \quad \frac{2}{3} \quad \frac{7}{10}$$

(2)

5. A football team wins  $\frac{3}{8}$  of their matches in a season  
The same team loses  $\frac{1}{3}$  of their matches.

Show that the team win more matches than they lose.

$$\text{win} = \frac{3}{8} = \frac{9}{24} \quad \checkmark$$

$$\text{lose} = \frac{1}{3} = \frac{8}{24}$$

(2)

6. Which of the following fractions is nearest to  $\frac{7}{10}$ ? =  $\frac{28}{40}$

Show your working.

$$\frac{5}{8} \quad \frac{3}{4} \quad \frac{11}{20} \quad \frac{3}{5}$$

$$\frac{25}{40} \quad \frac{30}{40} \quad \frac{22}{40} \quad \frac{24}{40}$$

✓

$$\frac{3}{4}$$

(3)

7. Mary's salary increases by  $\frac{3}{7} = \frac{15}{35}$

Michael's salary increases by  $\frac{2}{5} = \frac{14}{35}$

Mary claims her salary will increase by more money than Michael's.

Explain why she may not be correct.

Although her salary increases by a larger fraction, it depends on what their starting salary was, to see by how much their salaries increase.

(2)

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8. Arrange these fractions in order, smallest first.

$$\frac{3}{4} \quad \frac{47}{60} \quad \frac{2}{3} \quad \frac{17}{24}$$

$$\frac{90}{120} \quad \frac{94}{120} \quad \frac{80}{120} \quad \frac{85}{120}$$

$$\frac{2}{3} \quad \frac{17}{24} \quad \frac{3}{4} \quad \frac{47}{60}$$

(3)

9.

$$\frac{1}{3}$$

$$\frac{2}{5}$$

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

$$\frac{3}{10}$$

$$\frac{3}{20}$$

Work out the median

$$\frac{20}{60}$$

$$\frac{24}{60}$$

$$\frac{15}{60}$$

$$\frac{18}{60}$$

$$\frac{9}{60}$$

$$\frac{3}{20}$$

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

$$\frac{3}{10}$$

$$\frac{1}{3}$$

$$\frac{2}{5}$$

$$\frac{3}{10}$$

.....  
(3)

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

$$\frac{9}{10}$$

$$\frac{23}{25}$$

$$\frac{37}{40}$$

$$\frac{47}{50}$$

$$\frac{180}{200}$$

$$\frac{184}{200}$$

$$\frac{185}{200}$$

$$\frac{186}{200}$$

$$\frac{9}{10}$$

$$\frac{23}{25}$$

$$\frac{37}{40}$$

$$\frac{47}{50}$$

.....  
(3)