

Name:

Exam Style Questions

Cross Multiplication



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 112



Answers and Video Solutions



1. Solve



$$\frac{x}{5} = \frac{3}{2}$$

.....
(2)

2. Solve



$$\frac{w}{4} = \frac{7}{10}$$

.....
(2)

3. Solve



$$\frac{2w}{3} = \frac{4}{9}$$

.....
(2)

4. Solve



$$\frac{x + 4}{2} = \frac{11x}{6}$$

.....
(3)

5. Solve



$$\frac{2x + 1}{5} = \frac{x - 2}{2}$$

.....
(3)

6. Solve



$$\frac{3x - 2}{5} = \frac{2x + 7}{4}$$

.....
(3)

7. Solve



$$\frac{1}{3}(w + 4) = \frac{1}{2}(5 - 2w)$$

.....
(4)

8. Solve



$$\frac{x - 5}{x + 7} = \frac{2}{3}$$

.....
(3)

9. Solve



$$\frac{7 - x}{7 - 9x} = \frac{5}{3}$$

.....
(3)

10. Solve



$$\frac{7}{8 - 3x} = \frac{2}{2x + 9}$$

.....
(3)

11. Solve



$$\frac{x + 1}{3} = \frac{1}{x - 1}$$

.....
(4)

12. Solve



$$\frac{2}{7x - 1} = \frac{x + 3}{12}$$

.....
(4)

13. Solve



$$\frac{x + 4}{2x - 1} = \frac{3x - 2}{x + 2}$$

.....
(4)

14. Solve



$$\frac{2x + 9}{3 + x} = \frac{3 - x}{x + 1}$$

.....
(4)