Name:

Exam Style Questions

Dividing Terms

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 11

1. Simplify $18x \div 3$

$6x$

(1)

2. Simplify

$$\frac{20m}{5}$$

$4m$

(1)

3. Simplify

$$\frac{8c}{2c}$$

4

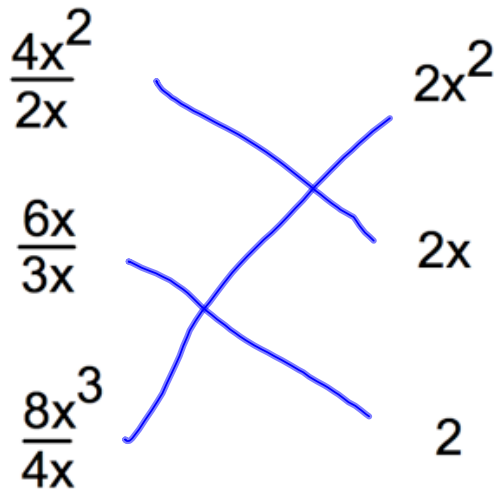
(1)

4. Simplify fully $12y^2 \div 2y$

$6y$

(2)

5. Match the equivalent expressions.



(2)

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6. Simplify fully

$$14ac^2 \div 7c$$

2ac

(2)

7. Simplify fully

$$\frac{24a^2w^2}{3a}$$

$8aw^2$

(2)

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8. Simplify fully

$$10a^3 \div 2a$$

$5a^2$

(2)

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9. Simplify fully

$$\frac{8c^6}{4c^3}$$

$2c^3$

(2)

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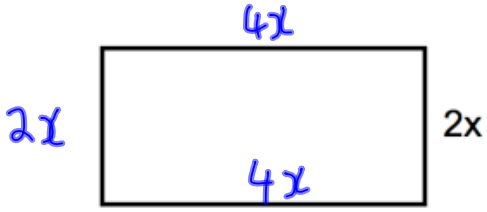
10. Simplify fully

$$\frac{4c^5g^3}{4c^2g^2}$$

c^3g

(2)

11. Shown below is a rectangle, with width 2x.



The area of the rectangle is $8x^2$

Find the perimeter of the rectangle.

$$\frac{8x^2}{2x} = 4x$$

$$2x + 4x + 2x + 4x = 12x$$

12x

(4)