



# EQUIVALENT RATIOS 7:2

Select all the equivalent ratios in these tables. For each question, there may be more than one correct answer.

1) Which of these ratios is equivalent to 4 : 10 ?

a) 2 : 5

b) 3 : 6

c) 12 : 30

d) 8 : 15

2. In a field, the ratio of lambs to ewes is 7:3.

Which of these rows in the tables shows an equivalent ratio to show this.



|    | Lambs | Ewes |
|----|-------|------|
| a) | 25    | 10   |
| b) | 28    | 12   |
| c) | 58    | 24   |
| d) | 21    | 9    |

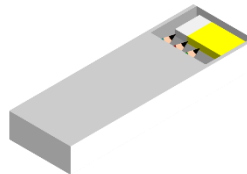
3) The scale on a hiking map is 4 inches : 1 mile.

Select the correct rows in the table which show this.



|    | Map       | Distance              |
|----|-----------|-----------------------|
| a) | 12 inches | 4 miles               |
| b) | 2 inches  | $\frac{1}{2}$ mile    |
| c) | 10 inches | 2 $\frac{1}{2}$ miles |
| d) | 15 inches | 5 miles               |

4) Which of these ratios is equivalent to \$3.50 for a pack of 6 pencils?



|    | PENCILS | COST   |
|----|---------|--------|
| a) | 60      | \$35   |
| b) | 24      | \$15   |
| c) | 3       | \$1.75 |
| d) | 18      | \$7    |

5) A recipe uses 3 cups of flour to 4 cups of sugar.

Which of the ratios shows an equivalent ratio.



|    | Flour             | Sugar             |
|----|-------------------|-------------------|
| a) | 12 cups           | 16 cups           |
| b) | 20 cups           | 30 cups           |
| c) | $\frac{3}{4}$ cup | 1 cup             |
| d) | 1 cup             | $\frac{1}{2}$ cup |

6) Which of these ratios is equivalent to 2  $\frac{1}{2}$  : 1  $\frac{1}{2}$  ?

a) 3 : 5

b) 15 : 10

c) 5 : 3

d) 30 : 16

7) A scale drawing of a bedroom uses a scale of 4 cm : 1 m. Select all the ratios which show this.



|    | Drawing | Actual            |
|----|---------|-------------------|
| a) | 12 cm   | 3 m               |
| b) | 1 cm    | 20 cm             |
| c) | 10 cm   | 2 $\frac{1}{4}$ m |
| d) | 6 cm    | 1 m 50 cm         |



# EQUIVALENT RATIOS 7:2 ANSWERS

1) Which of these ratios is equivalent to 4 : 10 ?

a) 2 : 5

b) 3 : 6

c) 12 : 30

d) 8 : 15

2. In a field, the ratio of lambs to ewes is 7:3.

Which of these rows in the tables shows an equivalent ratio to show this.



|    | Lambs | Ewes |
|----|-------|------|
| a) | 25    | 10   |
| b) | 30    | 12   |
| c) | 58    | 24   |
| d) | 21    | 9    |

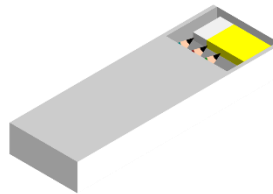
3) The scale on a hiking map is 4 inches : 1 mile.

Select the correct rows in the table which show this.



|    | Map       | Distance  |
|----|-----------|-----------|
| a) | 12 inches | 4 miles   |
| b) | 2 inches  | ½ mile    |
| c) | 10 inches | 2 ½ miles |
| d) | 15 inches | 5 miles   |

4) Which of these ratios is equivalent to \$3.50 for a pack of 6 pencils?



|    | PENCILS | COST   |
|----|---------|--------|
| a) | 60      | \$35   |
| b) | 24      | \$15   |
| c) | 3       | \$1.75 |
| d) | 18      | \$7    |

5) A recipe uses 3 cups of flour to 4 cups of sugar.

Which of the ratios shows an equivalent ratio.



|    | Flour   | Sugar   |
|----|---------|---------|
| a) | 12 cups | 16 cups |
| b) | 20 cups | 30 cups |
| c) | ¾ cup   | 1 cup   |
| d) | 1 cup   | ½ cup   |

6) Which of these ratios is equivalent to 2 ½ : 1 ½ ?

a) 3 : 5

b) 15 : 10

c) 5 : 3

d) 30 : 16

7) A scale drawing of a bedroom uses a scale of 4 cm : 1 m. Select all the ratios which show this.



|    | Drawing | Actual    |
|----|---------|-----------|
| a) | 12 cm   | 4 m       |
| b) | 1 cm    | 25 cm     |
| c) | 10 cm   | 2 ¼ m     |
| d) | 6 cm    | 1 m 50 cm |