



# Proportion and Ratio

Name \_\_\_\_\_

Score \_\_\_\_\_

PP:03

Write whether each set of ratios forms a proportion.

1) 8:6 and 16:25

\_\_\_\_\_

2) 1:7 and 3:21

\_\_\_\_\_

3) 12:20 and 18:30

\_\_\_\_\_

4) 9:6 and 3:2

\_\_\_\_\_

5) 1:6 and 8:56

\_\_\_\_\_

6) 50:5 and 10:1

\_\_\_\_\_

Are the pair of ratios form a proportion? Choose Yes or No.

1)  $\frac{15}{20}$  and  $\frac{12}{16}$

Yes       No

2)  $\frac{36}{54}$  and  $\frac{27}{36}$

Yes       No

3)  $\frac{2}{3}$  and  $\frac{4}{8}$

Yes       No

4)  $\frac{33}{44}$  and  $\frac{3}{4}$

Yes       No



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## Answer key

PP:03

Write whether each set of ratios forms a proportion.

1) 8 : 6 and 16 : 25

**Not a proportion**

2) 1 : 7 and 3 : 21

**Proportion**

3) 12 : 20 and 18 : 30

**Proportion**

4) 9 : 6 and 3 : 2

**Proportion**

5) 1 : 6 and 8 : 56

**Not a proportion**

6) 50 : 5 and 10 : 1

**Proportion**

Are the pair of ratios form a proportion? Choose Yes or No.

1)  $\frac{15}{20}$  and  $\frac{12}{16}$

Yes       No

2)  $\frac{36}{54}$  and  $\frac{27}{36}$

Yes       No

3)  $\frac{2}{3}$  and  $\frac{4}{8}$

Yes       No

4)  $\frac{33}{44}$  and  $\frac{3}{4}$

Yes       No