

**Task 1**

	Rational Expression	Factored Form	Simplified Rational Expression
1.	$\frac{2}{12}$	$\frac{2}{2 \cdot 2 \cdot 3}$	$\frac{1}{\square}$
2.	$\frac{3}{\square}$	$\frac{3}{2 \cdot 2 \cdot 3}$	$\frac{1}{\square}$
3.	$\frac{4}{\square}$	$\frac{2 \cdot 2}{2 \cdot 2 \cdot 3}$	$\frac{1}{\square}$
4.	$\frac{\square}{12}$	$\frac{5}{2 \cdot 2 \cdot 3}$	$\frac{\square}{\square}$
5.	$\frac{10}{12}$	$\frac{\square \cdot \square}{\square \cdot \square \cdot \square}$	$\frac{5}{6}$
6.	$\frac{20}{24}$	$\frac{\square \cdot \square \cdot \square}{\square \cdot \square \cdot \square \cdot \square}$	$\frac{5}{6}$
7.	$\frac{15}{18}$	$\frac{\square \cdot \square}{\square \cdot \square \cdot \square}$	$\frac{\square}{6}$
8.	$\frac{35}{42}$	$\frac{\square \cdot \square}{\square \cdot \square \cdot \square}$	$\frac{\square}{6}$

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

### Reducing Fractions

1 )  $\frac{12}{27} =$  \_\_\_\_\_

11 )  $\frac{3}{30} =$  \_\_\_\_\_

2 )  $\frac{27}{54} =$  \_\_\_\_\_

12 )  $\frac{2}{6} =$  \_\_\_\_\_

3 )  $\frac{8}{16} =$  \_\_\_\_\_

13 )  $\frac{40}{70} =$  \_\_\_\_\_

4 )  $\frac{14}{21} =$  \_\_\_\_\_

14 )  $\frac{8}{20} =$  \_\_\_\_\_

5 )  $\frac{72}{90} =$  \_\_\_\_\_

15 )  $\frac{42}{49} =$  \_\_\_\_\_

6 )  $\frac{7}{14} =$  \_\_\_\_\_

16 )  $\frac{7}{21} =$  \_\_\_\_\_

7 )  $\frac{42}{56} =$  \_\_\_\_\_

17 )  $\frac{15}{30} =$  \_\_\_\_\_

8 )  $\frac{21}{56} =$  \_\_\_\_\_

18 )  $\frac{16}{32} =$  \_\_\_\_\_

9 )  $\frac{12}{30} =$  \_\_\_\_\_

19 )  $\frac{30}{40} =$  \_\_\_\_\_

10 )  $\frac{16}{48} =$  \_\_\_\_\_

20 )  $\frac{12}{32} =$  \_\_\_\_\_

