

## Fractions and Decimals Practice Test:

### Test Set: 1

1. Sophia is dividing  $3\frac{1}{4}$  kg of sweets equally among her seven friends. How much does each friend receive?

$$\frac{1}{4} \text{ kg}$$

$$\frac{2}{4} \text{ kg}$$

$$\frac{3}{4} \text{ kg}$$

$$\frac{4}{14} \text{ kg}$$

$$\frac{1}{24} \text{ kg}$$

Show Answers

2. If  $\frac{3}{4}$  of a number is 12, then the number is

8

16

18

28

32

Show Answers

3. Given that  $0 < p < q < r < s$  and  $p, q, r, s$  are integers, which of the following is the smallest?

$$\frac{p+q}{r+s}$$

$$\frac{p+s}{q+r}$$

$$\frac{q+s}{p+r}$$

$$\frac{r+s}{p+q}$$

$$\frac{q+r}{s+p}$$

Show Answers

4. The decimal expression for 8 USD 8 cents (in USD) is

8.8	8.08
8.008	88.00
08.80	

Show Answers

5.  $2.5 \div 1000$  is equal to

0.025	0.0025
0.2500	2.50
250	

Show Answers

6. Which of the following has the smallest value?

0.0002	$\frac{2}{1000}$
$\frac{(0.2)}{1000}$	$\frac{2}{1000} \div 0.01$
0.200	

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7. Which of the following has the largest value?

$\frac{32}{0.05}$	$\frac{0.320}{50}$
$\frac{3.2}{0.05}$	$\frac{3.2}{50}$
$\frac{3.02}{0.50}$	

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**8. The largest of the following is**

0.00001	$\frac{1}{1000}$
$(0.001)^2$	$\frac{1}{10} \div 0.1$
0.1	

Show Answers

**9. Find the value of**

$$\frac{1}{4\frac{2}{7}} + \frac{1}{3\frac{11}{13}} + \frac{1}{(\frac{5}{9})}$$

$\frac{89}{325}$	$\frac{82}{75}$
$\frac{27}{75}$	$\frac{172}{75}$
$\frac{392}{19}$	

Show Answers

**10. Jhon** finishes  $\frac{1}{3}$  part of a work in 1 hour. How much part of the work will be finished in  $2\frac{1}{5}$  hours?

1 $\frac{1}{5}$	2 $\frac{1}{5}$
3 $\frac{1}{5}$	4 $\frac{1}{5}$
6 $\frac{1}{5}$	

