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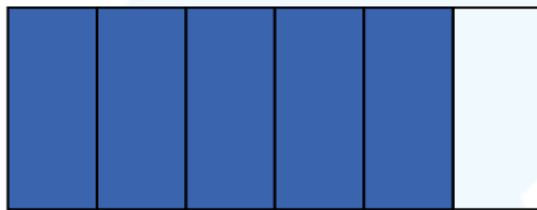
COMPARING AND ORDERING FRACTIONS WORKSHEET-III

1) Amy had 80 marbles which she distributes among Sam, Jackie and Helen. Jackie received one fourth of the total candies. Sam got two fifth of the remaining marbles and the rest was taken by Helen. Who received the most number of marbles?

2) Are the two expressions equal?

$$\frac{1}{3} + \frac{2}{3} + \frac{1}{3} \text{ and } \frac{4}{6} - \frac{1}{6} + \frac{5}{6}$$

3) Which of the given fractions are smaller than the fraction indicated in the figure?



$$\frac{5}{6} \quad \frac{3}{7} \quad \frac{1}{6}$$

4) State true or false: $2\frac{1}{5} < \frac{8}{3}$

5) Which of the two is greater than $\frac{1}{2}$?

- a) Three fifth of 5
- b) Half of quarter

6) Fill in the box with correct symbol: $<$, $>$, $=$

$$\frac{16}{2} + \frac{14}{2} \quad \boxed{} \quad \frac{30}{5}$$

7) Choose the greatest fraction from the following:

- a) $7\frac{1}{2}$
- b) $7\frac{1}{4}$
- c) $7\frac{1}{3}$

8) Arrange the following in ascending order:

$$\frac{3}{4}, \frac{1}{3}, \frac{1}{4}, 3\frac{1}{5}$$

9) Which of the fraction is larger: $\frac{2}{3}$ or $\frac{4}{6}$? Show with the help of diagram.

10) Look at the shape and answer the questions.



- a) How many equal shares does the shape have?
- b) Each share is a _____ of the whole.

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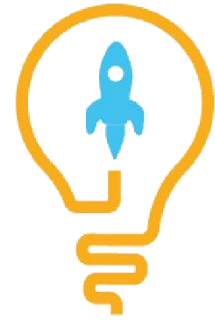
- Kirk Riley

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ANSWERS

1)	No. of marbles : Jackie = $\frac{1}{4}$ of 80 = 20 Sam = $\frac{2}{5}$ of 60 = 24 Helen = 60 - 24 = 36 Helen received most number of marbles.
2)	Yes
3)	$\frac{3}{7}$, $\frac{1}{6}$
4)	True
5)	a)
6)	>
7)	a)
8)	$\frac{1}{4} < \frac{1}{3} < \frac{3}{4} < 3\frac{1}{5}$
9)	$\frac{2}{3} = \frac{4}{6}$
10)	a) 2 b) $\frac{1}{2}$

FUN FACT

1. If two fractions have same numerator, then the fraction that has greater denominator is smaller.
2. Improper fractions are greater than proper fractions.
3. There are infinite fractions between two fractions.

