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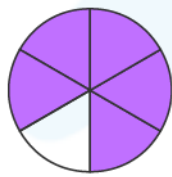
COMPARING FRACTIONS WORKSHEET-III

1) Amy had 100 marbles which she distributes among Sam, Jackie and Helen. Jackie received one fourth of the total candies. Sam got one fifth of the remaining marbles and the rest was taken by Helen. Who received least number of marbles?

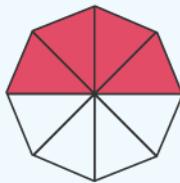
2) Are the two expressions equal?

$$\frac{2}{3} + \frac{1}{3} \text{ and } \frac{7}{6} - \frac{5}{6}$$

3) Which of the following fraction shown below is more than half?



(a)



(b)



(c)



(d)

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

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

- a) two third of 5
- b) Half of quarter

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

$$\frac{20}{2} \quad \boxed{} \quad \frac{20}{5}$$

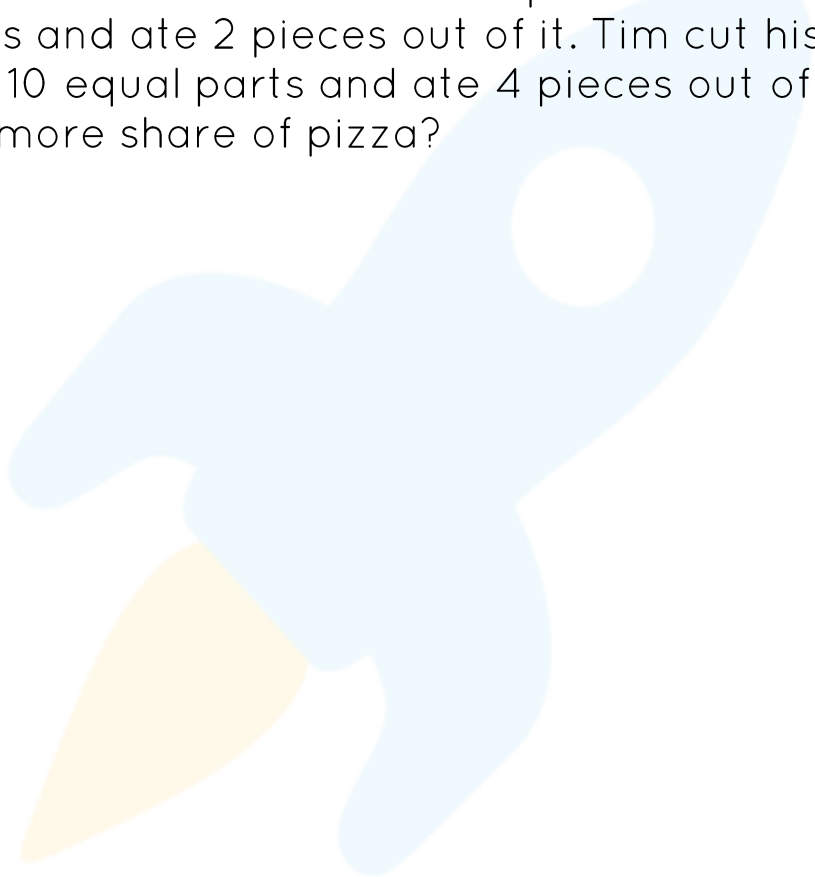
7) Compare : $8\frac{1}{2}$ and $9\frac{1}{4}$

8) Arrange the following in descending order:

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

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

10) Tom and Tim each bought a medium size pizza for themselves. Tom divided his pizza into 8 equal parts and ate 2 pieces out of it. Tim cut his pizza into 10 equal parts and ate 4 pieces out of it. Who ate more share of pizza?



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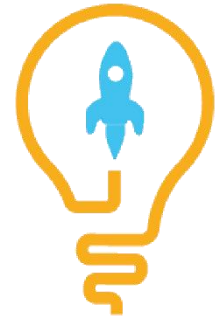
- Kirk Riley

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- Barbara Cabrera

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ANSWERS

1)	No. of marbles : Jackie = $\frac{1}{4}$ of 100 = 25 Sam = $\frac{1}{5}$ of 75 = 15 Helen = 100 - 40 = 60 Sam received least number of marbles.
2)	No.
3)	Options a and c
4)	False, $3\frac{2}{3} = \frac{11}{3} > \frac{8}{3}$
5)	$\frac{2}{3} \times 5 = \frac{10}{3}$ $\frac{1}{2} \times \frac{1}{4} = \frac{1}{8}$ $\frac{10}{3}$ is greater than half
6)	$\frac{20}{2} > \frac{20}{5}$
7)	$8\frac{1}{2} < 9\frac{1}{4}$
8)	$3\frac{1}{5} > \frac{3}{4} > \frac{1}{2} > \frac{1}{4}$
9)	Both are equal.
10)	Tom's share: $\frac{2}{8}$ Tim's share: $\frac{4}{10} = \frac{2}{5}$ $\frac{2}{5} > \frac{2}{8}$ Tim ate more share

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.

