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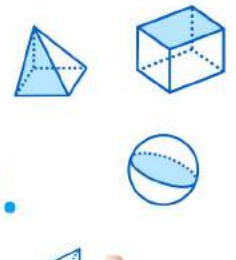

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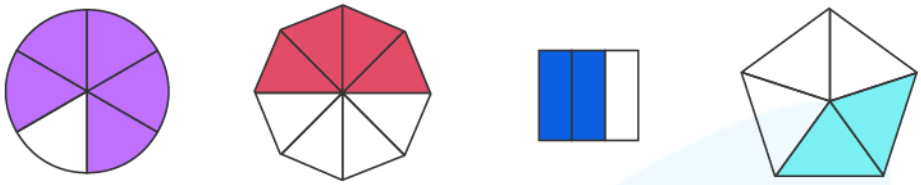
Comparing Fractions Worksheets 4th Grade

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



(a) (b) (c) (d)

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

3) Which of the two is more than half?
   a) two third of 5
   b) Half of quarter

4) Susan had 100 marbles which she distributes among Sam, Ryma and John. Ryma received one fourth of the total marbles. Sam got one fifth of the remaining marbles and the rest was taken by John. Who received least number of marbles?

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

$\frac{20}{2}$ ☐ $\frac{20}{5}$

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

7) Arrange the following in descending order:

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

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

9) 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?

10) Are the two expressions equal?

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

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ANSWERS

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

FUN FACT

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