

Name:

Date:



WELCOME TO YOUR SECOND F&D&P&R quiz! (63)

Math 6 F&D&P&R quiz (v14) Solve.

Score:

/ 10

1. Write each as a percent (%).

0.460 = 46%

0.4 = $\frac{4}{10} \times 10 = 40\%$

$\frac{12}{15} = \frac{4}{5} \times 20 = 80\%$

$\frac{540}{1000} = 54\%$

2. Use chart to solve.

Favourite Season of the Year! (MsT made up this data)	
SEASON	Votes
FALL	5
WINTER	3 *
SPRING	5
SUMMER	7

$\frac{3}{20} \times 5 = 15\%$

20

15%

What % of the students voted for WINTER?

Now please VOTE by highlight your favour your answer in YELLOW.

3. MsT has 3 sheets of happy face stickers – the white circles indicate the stickers she has used. Use this picture to answer each part of this question.

SHEET #1 + SHEET #2 + SHEET #3

$\begin{array}{r} 16 \\ \times 3 \\ \hline \end{array}$

total: 48

A) What is the ratio of HAPPY FACES on sheet #2 to EMPTY CIRCLES on sheet #2?

Final answer: 6 : 10

REDUCE RATIO: 3 : 5

b) What is the percent of HAPPY FACES on only sheet #1? (pretend the other 2 sheets are not there)

Final answer: $\frac{4}{16} = \frac{1}{4} = 25\%$

c) What amount of stickers have been used from sheet #1? Express your answer as a decimal. (pretend the other 2 sheets are not there)

Final answer: $\frac{12}{16} = \frac{3}{4} = 75\% = 0.75$

4. CONVERT to an IMPROPER FRACTION or a MIXED NUMBER.

54 $\frac{56}{6} = 9 \frac{2}{6}$

$\begin{array}{r} + \\ 8\frac{4}{5} \\ \times 5 \\ \hline 44 \\ 5 \end{array}$