

8-dec-20 Name: Insiya Ali Maths test Class: IV Blue

Q1: Fill in the blanks

(a) If a number is 12, what

(a) 24

b) $\frac{3}{10}$

c) 276

d) $\frac{6}{8}$

e) $\frac{7}{2}$

Q2: Convert the improper fractions into mixed numbers.

i. $\frac{39}{7}$ $\begin{array}{r} 5 \\ 7 \overline{) 39} \\ \underline{35} \\ 4 \end{array}$ $5 \frac{4}{7}$

ii. $\frac{51}{4}$ $\begin{array}{r} 12 \\ 4 \overline{) 51} \\ \underline{48} \\ 3 \end{array}$ $12 \frac{3}{4}$

Q3: Add the following fractions.

i. $\frac{6 \times 2}{3 \times 2} + \frac{9 \times 3}{2 \times 3} = \frac{12}{6} + \frac{27}{6} = \frac{12+27}{6} = \frac{39}{6} = \frac{13}{2}$

ii. $\frac{5 \times 3}{4 \times 3} + \frac{15}{12} = \frac{15}{12} + \frac{8}{12} = \frac{15+8}{12} = \frac{23}{12}$

Q4: Subtract the following fraction

i. $\frac{45}{9} - 2\frac{1}{3}$

$$\frac{41}{9} - \frac{7}{3}$$

$$\frac{41-21}{9} = \frac{20}{9}$$

ii. $\frac{6 \times 4}{5} - \frac{1}{20} = \frac{24}{20} - \frac{1}{20} = \frac{24-1}{20} = \frac{23}{20}$

Q5: In the grid, each square represents 1 unit. Use two ways to describe how the dog will reach his house?

1 way

Ans: 2 units up 5 units right he will reach his house
5 unit right and 2 units up

5 unit right and 2 unit up

Q6: Word problems

- a) Sara had 48 packets of sweets $\frac{5}{6}$ of the sweets were sold. How many packs of sweets were sold?

Data:	Solution:	Answer statement:
She had: 48 packet sweets	$\frac{5}{6} \times \frac{48}{1} =$	40 packets of sweets
The sweets were sold:	$\frac{240}{6} = \frac{40}{1}$	were sold
$\frac{5}{6}$		

- b) A car dealership has \$4,104 to spend on newspaper ads. If each ad costs \$8, how many ads can the dealership buy?

Data:	Solution:	Answer Result:
company have: 4104	$\begin{array}{r} 513 \\ 8 \overline{) 4104} \\ \underline{40} \\ 10 \\ \underline{8} \\ 24 \\ \underline{24} \\ 0 \end{array}$	The dealership buy 513 ads.
each ad have: 8		
	513	