Solve on NBP.

Reducing Fractions

Change to improper

5. $\dfrac{20}{25} =$ 6. $\dfrac{27}{36} =$

1. $5\dfrac{\bar{7}}{8}$ 2. $9\dfrac{2}{3}$

9. $\dfrac{9}{12} =$ 10. $\dfrac{60}{85} =$

5. $13\dfrac{1}{2}$ 6. $7\dfrac{3}{4}$

Change to mixed

7) $\dfrac{15}{3} =$ 8) $\dfrac{20}{12} =$ 9) $\dfrac{19}{4} =$

10) $\dfrac{23}{5} =$ 11) $\dfrac{18}{3} =$ 12) $\dfrac{17}{5} =$

2. A satellite makes 4 revolutions of the earth in one day. How many revolutions would it make in $6\frac{1}{2}$ days?

$(M)\ \dfrac{1}{3}$
$+\ \dfrac{2}{5}$

$(L)\ \dfrac{7}{8}$
$-\ \dfrac{1}{2}$

$(H)\ \dfrac{3}{4}$
$+\ \dfrac{2}{3}$

$(D)\ 3\dfrac{5}{16}$
$+\ 5\dfrac{1}{4}$

$(G)\ 9\dfrac{7}{10}$
$-\ 4\dfrac{1}{5}$

$(T)\ 7\dfrac{2}{3}\ +\ 2\dfrac{7}{12}$

$(K)\ 13\dfrac{5}{9}\ -\ 8\dfrac{1}{6}$

$(Y)\ 6\dfrac{1}{2}\ -\ 1\dfrac{9}{10}$

$(E)\ \dfrac{3}{8}\ \times\ \dfrac{5}{6}$

$(U)\ \dfrac{3}{4}\ \div\ \dfrac{7}{10}$

$(I)\ \dfrac{2}{5}\ \text{of}\ 40$

$(R)\ 4\dfrac{1}{2}\ \times\ 1\dfrac{2}{3}$

$(S)\ 8\dfrac{1}{3}\ \div\ 3\dfrac{3}{4}$

$(B)\ 2\dfrac{5}{8}\ \times\ \dfrac{4}{7}\ \times\ 12$

$(X)\ 20\ \div\ 3\dfrac{1}{2}$

$(A)\ 1\dfrac{3}{5}\ \times\ 2\dfrac{5}{16}$

$(O)\ 4\dfrac{2}{3}\ \div\ 10$

Solve … make a sketch or model first.

(N) George is making 8 gallons of Tropical Trip punch. He has already poured in $1\dfrac{3}{4}$ gal of pineapple juice and $2\dfrac{1}{2}$ gal of orange juice. The only other ingredient is 7-Up. How much 7-Up does George need?   _____ gal

(W) Martha likes to walk around a park near her house. The park is square, $\dfrac{7}{10}$ mi on each side. One morning she walked around the park $3\dfrac{1}{2}$ times before stopping to rest. How far had she walked?   _____ mi

On Saturday, Johnny Ray caught 16 fish using live bait. If he caught 1/5 of his fish using lures, how many fish did Johnny Ray catch altogether?