

Tahnooon Bin Mohammed School

Unit 9 Math

Unit Assessment,

Name _____

1. Which sum is less than 1?

A. $\frac{7}{12} + \frac{5}{8}$

B. $\frac{1}{2} + \frac{3}{5}$

C. $\frac{4}{6} + \frac{2}{3}$

D. $\frac{5}{12} + \frac{4}{10}$

2. Which is equivalent to $\frac{1}{4} + \frac{1}{5}$?

A. $\frac{1}{9} + \frac{1}{9}$

B. $\frac{5}{20} + \frac{4}{20}$

C. $\frac{5}{9} + \frac{4}{9}$

D. $\frac{1}{20} + \frac{1}{20}$

3. Vincente mixes $\frac{2}{5}$ liter of orange juice with $\frac{3}{10}$ liter of pineapple juice. How much juice does Vincente have?

A. $\frac{5}{15}$ liter

B. $\frac{7}{15}$ liter

C. $\frac{5}{10}$ liter

D. $\frac{7}{10}$ liter

4. Which equation is shown by the fraction tiles?



A. $\frac{4}{5} - \frac{1}{2} = \frac{3}{10}$

B. $\frac{4}{5} - \frac{1}{2} = \frac{3}{3}$

C. $\frac{4}{5} - \frac{1}{2} = \frac{3}{5}$

D. $\frac{1}{2} - \frac{1}{5} = \frac{1}{10}$

5. Jan and Zofia are painting fences. Jan paints $\frac{2}{3}$ of a fence. Zofia paints $\frac{5}{6}$ of a fence. How much more of a fence does Zofia paint than Jan?
- A. $\frac{1}{6}$ of a fence B. $\frac{2}{3}$ of a fence
C. $\frac{7}{9}$ of a fence D. $\frac{3}{3}$ of a fence
6. Jayden uses $3\frac{3}{4}$ cups of whole wheat flour and $5\frac{1}{8}$ cups of white flour to make bread. How many cups of flour does Jayden use in all?
- A. $8\frac{4}{12}$ cups B. $8\frac{1}{2}$ cups
C. $8\frac{5}{8}$ cups D. $8\frac{7}{8}$ cups
7. Fran has $2\frac{5}{6}$ pounds of modeling clay. She uses $1\frac{5}{8}$ pound of the clay to make a bowl. How much clay does Fran have left?
- A. 1 pound B. $1\frac{5}{24}$ pounds
C. $1\frac{1}{2}$ pounds D. $2\frac{11}{24}$ pounds
8. What is the difference?
 $3\frac{3}{8} - 2\frac{3}{4} = ?$ pounds
- A. $\frac{5}{8}$ pound B. $\frac{3}{4}$ pound
C. $1\frac{3}{8}$ pounds D. $2\frac{1}{8}$ pounds
9. Angela walked for $\frac{7}{10}$ hour yesterday and $\frac{5}{8}$ hour today. For about how long did Angela walk in the two days?
- A. Less than 1 hour
B. Between 1 hour and $1\frac{1}{2}$ hours
C. Between $1\frac{1}{2}$ hours and 2 hours
D. More than 2 hours

Unit 9

Unit Assessment, Form B (continued)

Name _____

10. To find $\frac{5}{6} + \frac{3}{8}$, which number can be used as a common denominator?
- A. 8
B. 14
C. 24
D. 36
11. Barbara mixes $2\frac{2}{3}$ cups of raisins and $4\frac{1}{4}$ cups of peanuts for a party snack. How many cups of peanuts and raisins does Barbara use in all?
- A. $6\frac{1}{4}$ cups
B. $6\frac{3}{7}$ cups
C. $6\frac{11}{12}$ cups
D. $7\frac{1}{12}$ cups
12. Catherine practices the flute for $1\frac{3}{8}$ hours on Friday and for $2\frac{1}{4}$ hours on Saturday. How much longer does Catherine practice the flute on Saturday than on Friday?
13. Julia's thermos contains $\frac{9}{10}$ cup of soup. After a walk, she eats $\frac{1}{3}$ cup of the soup. Which best describes how much soup is left in the thermos?
- A. almost none
B. about $\frac{1}{2}$ cup
C. about 1 cup
D. about $1\frac{1}{2}$ cups