

GRADE 4 MTH

Day 1 No School

Yonkers City School District

Student Name: _____

Teacher Name: _____

1 Solve: $\left(\frac{5}{6} - \frac{1}{6}\right) + \frac{2}{6} = \square$

A $1\frac{2}{6}$

B $1\frac{1}{6}$

C 1

D $\frac{5}{6}$

- 2 Snowfall in Florida is very unusual. The chart below shows the greatest amount of snowfall in a single day in four Florida cities.

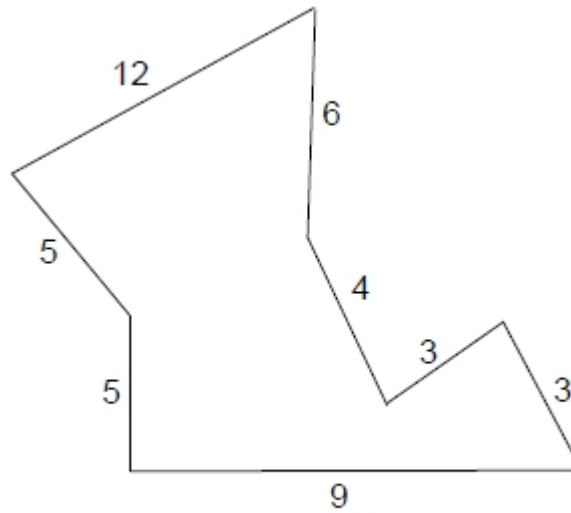
SNOWFALL IN FLORIDA

City	Amount
Pensacola	$\frac{1}{3}$ ft.
St. Augustine	$\frac{1}{8}$ ft.
Tallahassee	$\frac{1}{6}$ ft.
Orlando	$\frac{1}{4}$ ft.

Which city had the greatest single-day snowfall?

- A Pensacola
B St. Augustine
C Tallahassee
D Orlando

3



(not drawn to scale)

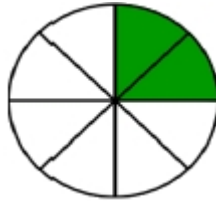
How many line segments make up the figure above?

- A 6
- B 8
- C 9
- D 12

- 4 James had 120 cards in a box. He gave $\frac{6}{10}$ of the cards to Mark. How many cards did James have left in the box.

- A 12
- B 20
- C 48
- D 72

5 What fraction of the circle is shaded?



A $\frac{6}{8}$

B $\frac{2}{6}$

C $\frac{2}{4}$

D $\frac{1}{4}$

6 Juan had 2 boxes of legos. Each box had 100 legos. He built a tower with $\frac{1}{5}$ of the legos out of each of the boxes. How many legos did Juan use to build the tower?

A 50

B 40

C 30

D 20

7 Luke has a set of red, green and blue marbles.

- The red marbles make up exactly $\frac{1}{2}$ of the set.
- The set has 2 blue marbles.
- The number of green marbles is twice the number of blue marbles.

How many marbles are in Luke's set?

A 4

B 6

C 8

D 12

- 8 Sammy has a set of 12 toy trucks.



He gave his sister 3 trucks. What fraction of Sammy's set did he give to his sister?

- A $\frac{3}{4}$
- B $\frac{1}{4}$
- C $\frac{2}{3}$
- D $\frac{1}{3}$
- 9 Sofia used $12\frac{3}{4}$ gallons of water on her garden on Monday. She used $15\frac{1}{4}$ gallons of water on Tuesday. What is the total amount of water Sofia used to water her garden on Monday and Tuesday?
- A 27 gallons
- B $27\frac{1}{2}$ gallons
- C 28 gallons
- D $28\frac{1}{4}$ gallons

- 10 Maria and Bianca went running. The distance Bianca ran was farther than the distance Maria ran. Maria ran $\frac{5}{8}$ of a mile. Which answer below could be the distance Bianca ran?
- A $\frac{10}{16}$ mile
 - B $\frac{2}{3}$ mile
 - C $\frac{1}{2}$ mile
 - D $\frac{3}{8}$ mile
- 11 James walks $\frac{3}{4}$ mile each day. How far does he walk in 5 days?
- A 2 mi.
 - B $2\frac{1}{2}$ mi.
 - C $3\frac{3}{4}$ mi.
 - D $4\frac{1}{4}$ mi.
- 12 In a recent survey, $\frac{2}{5}$ of the people surveyed said their favorite food was pizza, $\frac{1}{4}$ said it was hot dogs, $\frac{3}{10}$ said it was chocolate and $\frac{1}{20}$ said it was popcorn. Which food was the favorite of the greatest number of people?
- A pizza $\frac{2}{5}$
 - B hot dogs $\frac{1}{4}$
 - C chocolate $\frac{3}{10}$
 - D popcorn $\frac{1}{20}$

13 $\frac{7}{12} + \frac{1}{12} + \frac{2}{12} = ?$

A $\frac{14}{12}$

B $\frac{4}{12}$

C $\frac{10}{12}$

D $\frac{10}{36}$

14 What is $2\frac{2}{8} + 1\frac{7}{8}$?

A 4

B $4\frac{1}{8}$

C $3\frac{7}{8}$

D $3\frac{9}{16}$

15 What fraction is equivalent to $\frac{5}{8}$?

A $\frac{25}{48}$

B $\frac{35}{40}$

C $\frac{45}{56}$

D $\frac{15}{24}$

16 A fourth grade class volunteered at the local food bank for a total of 136 hours. Randy volunteered exactly $\frac{1}{4}$ of the number of hours, and Becca volunteered for 7 hours. How many hours were volunteered by other students in the class?

A 129

B 95

C 61

D 41

- 17 Justin picked $\frac{5}{8}$ cup of blueberries. His brother picked $\frac{7}{8}$ cup of blueberries. They used $\frac{6}{8}$ cup of blueberries to bake blueberry muffins. What amount, in cups, is left of the blueberries they picked?

Show your work

Answer _____ cups

Answer: _____

18 Which expression has the largest product?

A 10×5

B 6×11

C 9×7

D 12×4

19 $8 \times \boxed{} = 72$

A 6

B 7

C 8

D 9

20 Which symbol makes the comparison true?

$$\frac{6}{10} \bigcirc \frac{52}{100}$$

A $>$

B $<$

C $=$

D $+$

21 Solve:

$$\left(\frac{5}{6} - \frac{1}{6}\right) + \frac{2}{6} = \square$$

A $1\frac{2}{6}$

B $1\frac{1}{6}$

C 1

D $\frac{5}{6}$

22 Which symbol makes the comparison true?

$$\frac{6}{7} - \frac{2}{7} \bigcirc \frac{3}{7}$$

A =

B <

C ×

D >

23 Solve: $15\frac{7}{12} + 9\frac{3}{12}$

A $6\frac{10}{12}$

B $6\frac{10}{24}$

C $24\frac{10}{12}$

D $24\frac{10}{24}$

24 Find the difference.

$$24\frac{8}{10} - 5\frac{5}{10}$$

A $19\frac{3}{10}$

B $21\frac{3}{10}$

C $29\frac{13}{10}$

D $30\frac{3}{10}$

25 Bob and George bought a 12-cut pizza. Bob ate $\frac{5}{12}$ of the pizza. There was $\frac{3}{12}$ of the pizza left. How much pizza did George eat?

A $\frac{2}{12}$

B $\frac{4}{12}$

C $\frac{8}{12}$

D $\frac{10}{12}$

26 $\frac{5}{12} + \frac{1}{12} + \frac{2}{12} = ?$

A $\frac{7}{12}$

B $\frac{8}{12}$

C $\frac{7}{36}$

D $\frac{8}{36}$

27 Which fraction is greater than $\frac{2}{5}$?

A $\frac{1}{2}$

B $\frac{2}{6}$

C $\frac{3}{8}$

D $\frac{1}{3}$

28 What is the solution to this problem? Reduce your answer to lowest terms.

$$3\frac{5}{8} + 4\frac{1}{8} = \square$$

A $7\frac{3}{4}$

B $7\frac{6}{16}$

C $1\frac{1}{2}$

D $1\frac{6}{8}$

29 Solve: $6 \times \frac{2}{3} = n$

A $\frac{2}{18}$

B $\frac{9}{2}$

C 4

D $\frac{4}{3}$