Student: _____ Teacher: _____ Date: _____

1 Write these numbers in increasing order.

0.1, 1.7, $\dfrac{-3}{2}$, -3.5, 2

_____ _____ _____ _____ _____

2 The graph shows the number of lunch items sold at a school cafeteria in one day.

Items Sold at a Cafeteria
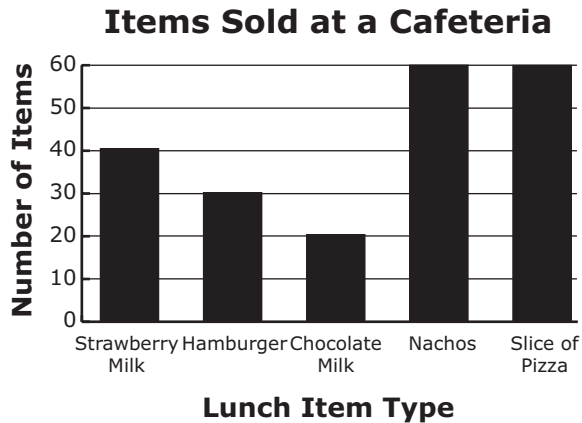
At this rate, how many nachos will be sold in 5 days? _____

3 Solve for the value of m.

$6m = 36$

_____

4 Of the choices below, what is the best estimate of the length of a cell phone?

A 6 meters

B 6 centimeters

C 6 kilometers

_____

5 Complete the sequence.

8, 24, 72, 216, _____

6 Write $<$, $>$, or $=$ in each blank.

$\dfrac{10}{11}$ _____ $\dfrac{19}{21}$ _____ $\dfrac{10}{12}$

7 Write the number that balances the equation.

$24 + (3 + 6) = (24 + 3) +$ _____
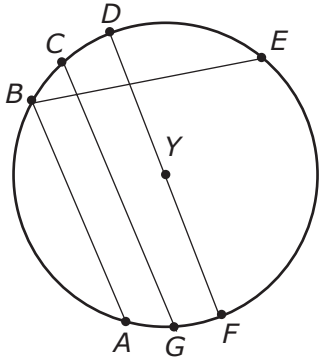
8 Complete the sequence.

0.120, 0.230, 0.340, _____

9 Timothy takes out a ball at random from a bag containing 9 red balls and 1 white ball. What is the probability that Timothy will take out a white ball?

_____

10 Which of these values is the least?

-21, 63, -51, $\dfrac{3}{4}$

_____

11 Point Y is the center of the circle.

Which line segment shows the diameter of the circle?

_____

12 Solve for the value of x.

$9x + 2 = 65$

_____

13 Which of these values is the greatest?

$\frac{4}{5}$, −17, 3, $\frac{19}{6}$

_____

14 Of the choices below, what is the best estimate of the speed of a station wagon?

A 470 millimeters per hour

B 47 meters per hour

C 47 kilometers per hour

_____

15

Day	Minutes for Mary to Reach School
Monday	39
Tuesday	28
Wednesday	26
Thursday	27
Friday	18

On which day did Mary reach school in the shortest amount of time? _____

How many minutes more did Mary take to reach school on Tuesday than on Thursday? _____

16 Write the number that balances the equation.

$(23 \cdot 3)8 = 23(2 \cdot$ _____$)$

17 Solve for the value of x.

$3x - 10 = 41$

_____

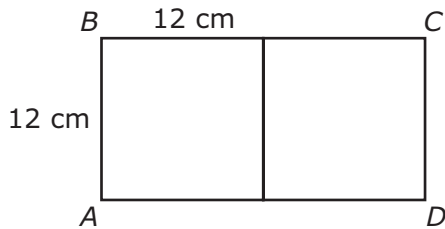**18** Write the greatest common factor of these numbers in the blank.

39, 52, 78

_____

19 Jason correctly answered 12% of the questions on a test. If the test had 50 questions, how many questions did Jason answer <u>incorrectly</u>?

_____

20 Simplify the expression.

$11 + 8 \bullet 3 - 20 \div 5$

_____

21 Rectangle *ABCD* is made up of two equal squares.

Note: $P = 2(l + w)$

Perimeter of rectangle *ABCD* = _____ cm

22 The number of fairy tale books in a library is 262. The number of science fiction books is 1351. Estimate (to the nearest hundreds place) the total number of both fairy tale books and science fiction books in the library.

_____

23 Round to the nearest tenths place.

13,261.16

_____

24 Gabriel had $1122 in his bank account. He deposited $340 into his account. What is the estimated balance (to the nearest hundreds place) in his account now?

$_____

25 Complete the sequence.

$\frac{1}{6}, \frac{8}{6}, \frac{15}{6}, \frac{22}{6},$ _____

26 A zoo is open 5 days a week. For one week, zoo attendance per day was 200, 180, 175, 215, and 285. What was the mean number of people visiting the zoo per day?

Mean = _____

27 Round to the nearest hundredths place.

161.274

_____

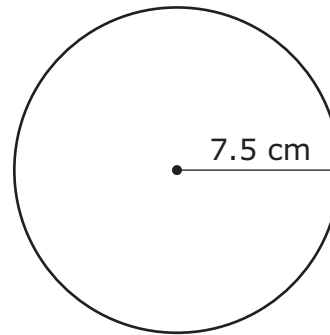**28**   Solve for the value of N.

$N(2 + 1) = 20 + 34$

_____

29   This week, Marvin earned $2 less than twice the amount he earned last week. He earned $23 this week. How much did he earn last week?

$_____

30   Solve for the value of x.

$5x + 2 = 6x + 13$

_____

31

7.5 cm

What is the circumference of the circle?

Note: $\pi = 3.14$
$C = 2\pi r$

_____ cm