

Name _____

Circle the letter of the correct answer choice.

1. Juniper trees can live to be very old. This table shows the ages of four juniper trees found in the United States.

Juniper Trees	
Tree Identification	Age in Years
Bennett Juniper	2200
CRE-175	1889
Miles Juniper	1810
Scofield Juniper	2675

Which is the name of the youngest juniper tree in the table?

- A Bennett Juniper
- B CRE-175
- C Miles Juniper
- D Scofield Juniper

2. Hank has 3 quarters, 2 dimes, 5 nickels, and 1 penny. His father gives him 1 one-dollar bill. How much money does Hank have in all?

- A \$2.26
- B \$2.21
- C \$2.16
- D \$1.21

3. Jason and Colin practiced throwing a ball. Jason's best throw was 57 feet. Colin's best throw was 18 feet farther than that. How far was Colin's best throw?

- A 39 ft
- B 65 ft
- C 69 ft
- D 75 ft

4. There are 4 litters of kittens on the farm. The largest litter has 7 kittens. The other litters have 4, 5, and 6 kittens. How many kittens in all are on the farm?

- A 21
- B 22
- C 23
- D 26

5. Lola must read 10 books in one month to earn a Power Reader button. Lola read 3 books last week. She read 2 books the week before that. How many more books must Lola read to earn the Power Reader button?

- A 16
- B 6
- C 5
- D 4

6. There were 8709 fans at the game. 4231 of them wore team caps. Estimate by rounding to find *about* how many fans did not wear team caps.

- A about 9000
- B about 5000
- C about 4000
- D about 3000

7. Patsy spends \$17.83 for dinner. She pays with two \$10 bills. Which shows the change Patsy should get back?

- A 2 one-dollar bills, 8 dimes, 3 pennies
- B 2 one-dollar bills, 1 quarter, 2 pennies
- C 2 one-dollar bills, 3 nickels, 2 pennies
- D 2 one-dollar bills, 1 nickel, 2 pennies

8. Together Ramona and Abe have 90¢ in nickels. Abe has twice as many nickels as Ramona. Which shows how much money Ramona has?

- A 30¢
- B 45¢
- C 50¢
- D 60¢

9. Mrs. Cantor raises horses. She weighed 4 foals (baby horses) when they were born. She weighed them again when they were 1 month old. She made this table.

Foal	Weight at Birth	Weight at One Month
Blaze	97 lb	180 lb
Dollar	101 lb	202 lb
Misty	98 lb	177 lb
Steady	104 lb	201 lb

Foals can double their weight in one month. Which foal doubled its weight in one month?

- A Blaze
- B Dollar
- C Misty
- D Steady

10. Emmett buys a sweater for \$18.75 and jeans for \$12.99. How much more does Emmett spend on the sweater than on the jeans?

- A \$6.76
- B \$6.24
- C \$5.76
- D \$5.24

Name _____

Circle the letter of the correct answer choice.

11. A bushel basket of apples weighs 42 lb. Chad picks 19 lb of apples. How much more must he pick to fill the bushel basket?

A 61 lb
B 33 lb
C 23 lb
D 17 lb

12. Students at Ridley School set a goal to fold 1000 paper cranes. They have folded 712 paper cranes so far. How many more must they fold to reach their goal?

A 398
B 312
C 298
D 288

13. Blake had 6 quarters. Then he earned more money. Now Blake has \$4.30. Which number sentence could be used to find how much money Blake earned?

A $\$1.50 + \square = \4.30
B $\$4.30 + \square = \1.50
C $\square + \$4.30 = \1.50
D $\square - \$4.30 = \1.50

14. Nelly gave the cashier a \$20 bill to buy a bed for her dog. About how much did she spend if the cashier gave her \$4.16 in change?

A about \$4.00
B about \$6.00
C about \$14.00
D about \$16.00

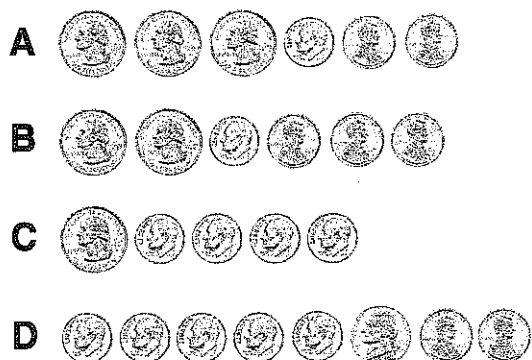
15. Gwen makes 6 party bags. She puts 4 marbles in each bag. How many marbles does she need altogether?

A 28
B 24
C 20
D 10

16. Mrs. Davis bought a set of 4 magnets. Then she bought 3 more sets. How many magnets did she buy in all?

A 7
B 12
C 16
D 20

17. Eli bought a pen for 57¢. He also bought 6 stickers that cost 5¢ each. Which amount of money does Eli need to pay for all these items?



18. Pat made up a number riddle. Here are the clues:

- My number has 3 digits.
- All the digits are odd.
- It has as many hundreds as ones.
- The sum of the 3 digits is 17.

Which of these can be Pat's number?

- A 393
B 584
C 737
D 757

19. Each section of a DVD rack holds 5 DVDs. How many DVDs are needed to fill 7 sections?

- A 45
B 35
C 30
D 12

20. Daly's Farm has 750 trees. 468 of them are apple trees. The rest are pear trees. How many pear trees are there?

- A 382
B 318
C 290
D 282

21. There are new houses on Oak Street. The first four house numbers are 412, 416, 420, and 424. If the pattern stays the same, what is the house number of the next house?

- A 425
B 426
C 428
D 430

Name _____

Circle the letter of the correct answer choice.

1. Sue spent 49 days in Peru. Which number sentence shows how to find the number of weeks she spent in Peru?

A $49 + 7 = \square$
B $49 - 7 = \square$
C $49 \times 7 = \square$
D $49 \div 7 = \square$

2. Seth picks 24 lemons. He puts the same number of lemons into each of 6 bags. What is the greatest equal amount of lemons he can put in each bag?

A 18
B 6
C 4
D 3

3. Hal, Joe, Mia, and Rob share 28 marbles equally. How many marbles does each get?

A 14
B 9
C 8
D 7

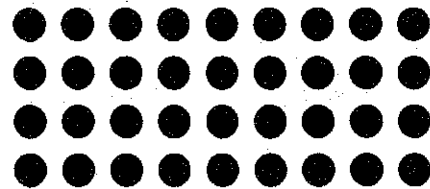
4. Six students collected a total of 36 acorns. Each student collected the same number of acorns. How many acorns did each student collect?

A 42
B 30
C 6
D 2

5. Ina has 40 photos and an 8 page photo album. She puts the same number of photos on each page. How many photos are on one page?

A 5
B 6
C 7
D 48

6. This model shows a multiplication fact.



Which division fact is shown by the same model?

A $36 \div 36 = 1$
B $36 \div 6 = 6$
C $36 \div 4 = 9$
D $36 \div 3 = 12$

7. Mia uses a spinner separated into 4 unequal parts to do a probability experiment. Mia spins the arrow 20 times and tallies her results. Based on the tally chart below, which letter do you think was in the largest part of the spinner?

Spinner Results	
Letter	Tally
K	
L	
M	
N	

- A K
- B L
- C M
- D N

8. Brian walks dogs Mondays through Wednesdays. He charges \$3 for a 20-minute walk. Brian walks three dogs at a time once a day. How much money does Brian earn?

- A \$27
- B \$60
- C 27
- D \$9

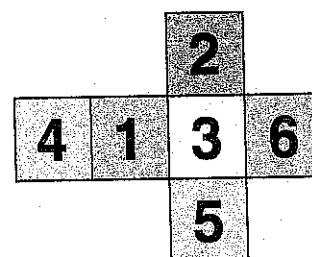
9. Each row in a small theater has 6 seats. Tickets cost \$5 a seat. Some friends buy tickets to fill 2 rows. How much do they pay for the tickets?

- A \$12
- B \$30
- C \$40
- D \$60

10. Belinda works 7 hours a week at her after-school job. How many hours does Belinda work in 4 weeks?

- A 11 hours
- B 22 hours
- C 28 hours
- D 35 hours

11. Camilla rolls this number cube three times. What is the likelihood that she will roll a number greater than 6 at least once?






- A impossible
- B unlikely
- C likely
- D certain

Name _____

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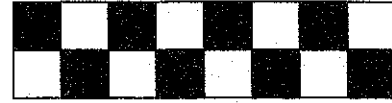
12. Bo, Liza, Ron and Will put coins into stacks. The chart shows Bo, Will, and Ron's stacks.

	Bo	Ron	Will
Coin			
Number of Stacks	6	2	1
Number in Each Stack	9	5	6

Liza forgot to fill in the chart, but she has 9 stacks with 7 pennies in each stack. Who has the most money?

- A Bo
- B Liza
- C Ron
- D Will

13. Boris makes a square white and black checkerboard. There will be 8 rows. The first two rows are shown below.



How many squares will be white?

- A 64
- B 32
- C 16
- D 8

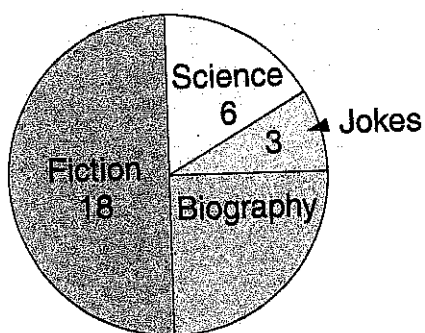
14. The art room has 7 large work tables with the same number of chairs around each one. There are enough chairs for 56 people. What is the greatest number of people that can sit at one table?

- A 9
- B 8
- C 7
- D 6

Use the circle graph for questions 15 and 16.

15. Willa made a circle graph to show data on the 36 books she read this year.

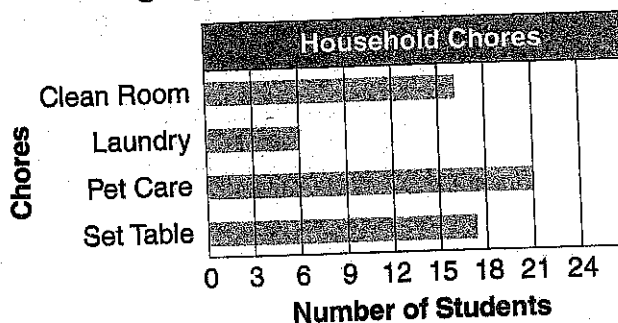
Kinds of Books Read



Which kind of book was one half of all the books Willa read?

- A Biography
 - B Fiction
 - C Jokes
 - D Science
16. How many biographies did Willa read?
- A 3
 - B 6
 - C 9
 - D 18

The students in Ms. Jerome's class took a survey of chores they do at home. They showed the results in this bar graph.



17. Which chore is done by about 16 students?

- A Clean Room
- B Laundry
- C Pet Care
- D Set Table

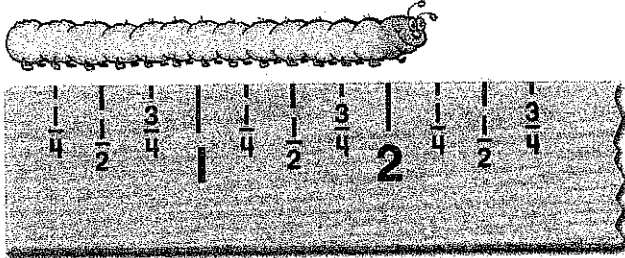
18. Ari has a blue, a green, and a purple T-shirt. He has blue jeans and tan shorts. How many different outfits can Ari make?

- A 2 outfits
- B 3 outfits
- C 5 outfits
- D 6 outfits

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Circle the letter of the correct answer choice.

1. To the nearest quarter inch, about how long is the caterpillar?



- A about $2\frac{3}{4}$ in.
 B about $2\frac{1}{2}$ in.
 C about $2\frac{1}{4}$ in.
 D about 2 in.

2. Serena buys 3 sheets of stamps at the post office. Each sheet has 32 stamps on it. How many stamps are there altogether on the 3 sheets?

- A 65 C 95
 B 66 D 96

3. Which of these real objects could be about 20 cm long?

- A pencil
 B ladder
 C egg
 D bee

4. Alice has a 12-gal fish tank. How many quarts of water does it take to fill the tank?

- A 3 qt
 B 6 qt
 C 24 qt
 D 48 qt

5. A memory card for Greg's camera can save 216 pictures. At most how many pictures can he save on 4 memory cards?

- A 850
 B 864
 C 882
 D 924

6. Claire measured 21 inches long at birth. On her first birthday, she measured 2 ft 8 in. long. How much did Claire grow in one year?

- A 7 in.
 B 9 in.
 C 11 in.
 D 32 in.

7. Judah read 4 stories. Each story was 24 pages. How many pages did Judah read in all?

- A 98
- B 96
- C 66
- D 65

10. At which of these times do the hands of a clock form an acute angle?

- A 10:00
- B 6:00
- C 4:00
- D 3:00

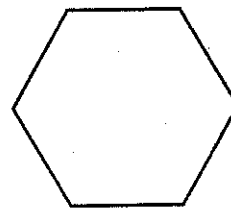
8. Zora's dad drops her off at a picnic at 11:45 A.M. "I'll pick you up in 3 hours," Dad says. What time will it be when Dad picks up Zora?

- A 8:45 P.M.
- B 2:15 A.M.
- C 1:45 P.M.
- D 2:45 P.M.

9. Yoshi visited his grandparents for 8 weeks. How many days did he visit?

- A 80 days
- B 64 days
- C 56 days
- D 32 days

11. Jack draws a hexagon with a perimeter of 30 cm. All the sides are the same length. Which figure has the same perimeter?



- A an octagon with equal sides of 4 cm
- B a pentagon with equal sides of 6 cm
- C a rectangle 5 cm long and 6 cm wide
- D a square with equal sides of 8 cm

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Circle the letter of the correct answer choice.

12. Tamika makes a box that is 3 cubes long, 3 cubes wide, and 3 cubes high. What is the volume of the box?

A 9 cubic units
 B 12 cubic units
 C 27 cubic units
 D 30 cubic units

13. Elsa buys four containers of potato salad. Each container weighs 16 oz. How many pounds of potato salad is this?

A 4 lb
 B 8 lb
 C 32 lb
 D 64 lb

14. Thea's cat has a mass of 7 kg. Jon's cat has a mass of 6548 g. How much greater is the mass of the larger cat?

A 6555 g
 B 6541 g
 C 548 g
 D 452 g

15. The four films in this table are showing at the Plaza Theater.

Film Title	Start Time	End Time
Dog Days	2:25 P.M.	4:05 P.M.
Kite Kings	2:10 P.M.	4:05 P.M.
Moon Light	2:30 P.M.	4:20 P.M.
My Pal Pete	2:25 P.M.	4:15 P.M.

Which is the longest film?

A *Dog Days*
 B *Kite Kings*
 C *Moon Light*
 D *My Pal Pete*

16. Thirty-six cans of soup will fit in one box. How many cans of soup will fit in 9 boxes?

A 285
 B 315
 C 324
 D 326

17. Noor made up this riddle:

**Two numbers have a sum of 9.
Both numbers have right angles
in them. What are the numbers?**

**Which is the answer to the
riddle?**

- A one and eight**
- B two and seven**
- C three and six**
- D four and five**

**18. James buys 7 limes. Each lime
costs 28¢. Which is the best
estimate of about how much
money James spends? Use
rounding.**

- A about \$2.80**
- B about \$2.10**
- C about \$1.40**
- D about \$1.00**

**19. At 12:00 noon the temperature
was 72°F. At 8:00 P.M. it was 28°
colder. What was the temperature
at 8:00 P.M.?**

- A 44°F**
- B 54°F**
- C 56°F**
- D 100°F**

**20. A play starts at 2:30 P.M. It ends at
4:15 P.M. How long is the play?**

- A 2 h 15 min**
- B 1 h 45 min**
- C 1 h 35 min**
- D 1 h 15 min**

**21. Ms. Kline drove a delivery truck
5 days. She drove 243 miles each
day. How many miles did she
drive in all?**

- A 1005**
- B 1215**
- C 2055**
- D 2430**

**22. Molly uses same-size squares of
fabric to make a potholder. The
potholder has 4 squares across
and 5 squares down. How many
squares does Molly use?**

- A 9**
- B 16**
- C 20**
- D 25**

Name _____

Circle the letter of the correct answer choice.

1. Bella buys some apples. Tom buys 6 fewer apples than Bella. Then Bella fills three bowls with exactly the same number of apples in each bowl. Which expression describes the situation?

A $(n \div 3)$ C $(n + 6) \div 3$
 B $(6 - n) \div 3$ D $(n - 6) \div 3$

2. Al, Ann, Roy, and Jim enter a race. Al runs $\frac{7}{10}$ of the race. Ann goes 0.5 of the race and Jim runs 0.09 of the distance. Roy ran $\frac{8}{10}$ of the race. Who ran the shortest distance?

A Al C Jim
 B Ann D Roy

3. Meg puts 5 pictures on each page of her new photograph album. She has 38 pictures to put in the album. She uses the 38 pictures to fill as many pages as she can. How many more pictures does she need to fill another page?

A 5 C 3
 B 2 D 7

4. What fraction of the months of a year begin with the same sound that you hear at the beginning of the word *just*?

A $\frac{3}{9}$ C $\frac{2}{12}$
 B $\frac{1}{3}$ D $\frac{3}{12}$

5. At a used-toy sale, 9 friends net a profit of \$38.51. They share the money equally. About how much does each friend get?

A less than \$5
 B between \$5 and \$6
 C between \$6 and \$7
 D more than \$7

6. Hal and Mai have an equal number of books. Mai has 8 books on each of 3 shelves with 3 books left over. Hal has 3 shelves with 9 books on each shelf. Which number sentence describes the situation.

A $8 \times 3 - 3 = 9 + 3$
 B $3 \times 8 + 3 = 3 \times 9$
 C $9 + 3 = 8 + 3 + 3$
 D $9 \times 3 = 8 + 3 + 3$

7. A juice carton started to leak, so Shana poured the remaining contents into this glass.



Which fraction best estimates the part of the glass that is not full?

- A about $\frac{3}{4}$ C about $\frac{1}{8}$
B about $\frac{1}{4}$ D about $\frac{1}{2}$

8. The table shows high and low scores that four different gymnasts got in a contest.

Gymnastic Contest Scores		
Name	High	Low
Felicia	7.6	6.6
Harley	8.4	7.1
Kristen	6.9	5.7
Tanya	7.2	6.3

Which girl's high and low scores had a difference of less than 1?

- A Felicia C Tanya
B Harley D Kristen

9. Use the clues to choose the correct answer.

- I am between 30 and 60.
- I am divisible by 5, but not by 10 or by 2.
- One of my factors is 7.
- What number am I?

- A 40
B 35
C 45
D 50

10. Ebony has \$13 to buy 7 identical wind-up toys as party favors.

Wind Up Toys	
Toy	Price
Dancing Bear	\$1.91
Chatter Teeth	\$2.09
Hopping Frog	\$1.77
Tapping Feet	\$2.18

Which item can she afford?

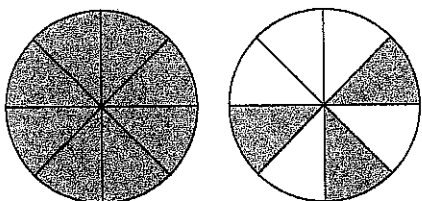
- A Dancing Bear
B Chatter Teeth
C Tapping Feet
D Hopping Frog

Name _____

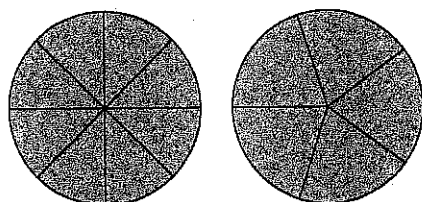
Circle the letter of the correct answer choice.

11. Ramon and Maria ordered 2 pizzas. Each pizza was cut into 8 equal portions. Ramon ate all of his pizza. Maria ate 5 portions of hers. Which model shows how much pizza Ramon and Maria ate?

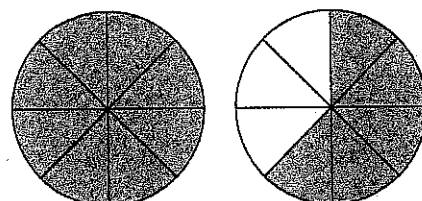
A



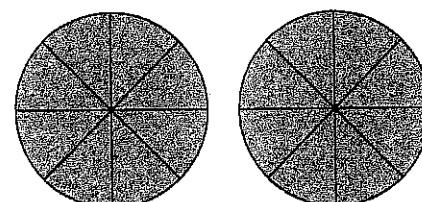
B



C



D



12. Use the table to determine which brand of dog food is the best buy.

Dog Food Brands		
Brand	Size	Price
Barker's	6 oz	96¢
Woof's	9 oz	\$1.35
Mutt Meat	7 oz	\$1.26
Chow Bits	8 oz	\$1.12

A Barker's

C Mutt Meat

B Woof's

D Chow Bits

13. Jonah enters the Mystery Math contest against students in all the schools in his town. He answers this question correctly and gets to go to the state finals.

What two numbers between 10 and 20 have combined common factors that add up to 14?

A 14 and 16

B 12 and 14

C 14 and 18

D 12 and 16

14. Shirley has used $\frac{1}{4}$ yd of red ribbon to begin a border around a blanket. She will need another $\frac{1}{4}$ yd to complete the border. How many yards will her border be?

A 2 yd
B $\frac{1}{2}$ yd
C 1 yd
D $\frac{1}{4}$ yd

15. Six neighbors chip in to get a gift for their mail carrier. Each person pays an equal share of the total. The gift cost \$18. How much did each neighbor pay?

A \$1.08
B \$2
C \$3
D \$6

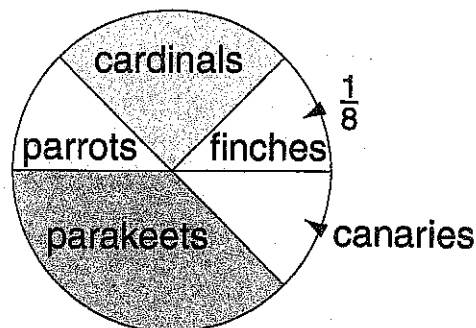
16. Leroy sells leather friendship bracelets. He charges the same amount for each bracelet. Yesterday he sold 5 bracelets for \$21.45. Judy bought one of them. How much did she pay Leroy?

A \$4.09
B \$21.50
C \$4.29
D \$107.25

17. Niles buys an 8-oz jar of honey for \$2.40. What is the unit cost (cost per ounce) of the honey?

A 40¢
B 30¢
C 25¢
D 20¢

18. The circle graph shows the different kinds of birds that are in Matt's aviary.



What fraction in simplest form represents how many fewer parrots there are than parakeets?

A $\frac{1}{8}$
B $\frac{2}{8}$
C $\frac{1}{4}$
D $\frac{2}{4}$

Name _____

Circle the letter of the correct answer choice.

1. Oba buys a jump rope for \$1.63. He pays with 2 one-dollar bills. Which shows the correct change?

A 32¢ C 37¢
B 35¢ D 63¢

2. Which number is NOT divisible by 2?

A 758
B 241
C 336
D 970

3. This table shows how far each car traveled on one gallon of gas.

Car	Distance in Miles
Car 1	29.6
Car 2	27.68
Car 3	27.6
Car 4	29.08

Which shows the distances in order from greatest to least?

A 27.6, 27.68, 29.6, 29.08
B 29.6, 27.68, 27.6, 29.08
C 29.08, 29.6, 27.68, 27.6
D 29.6, 29.08, 27.68, 27.6

4. Joe buys 4 boxes of plastic spoons. Each box has 48 spoons. How many spoons does Joe buy altogether?

A 192
B 183
C 172
D 112

5. $341 + 96 + 205 + 782 = \square$

A 2288
B 1524
C 1424
D 1324

6. Ted has 3 shirts and 4 jeans. How many different outfits can he make?

A 12 C 9
B 11 D 7

7. Which of the following number sentences belongs to the same fact family as $27 \div 3 = \square$?

A $9 \div 3 = 3$
B $81 \div 9 = 9$
C $3 \times 9 = 27$
D $3 \times 27 = 81$

8. Dan saved \$6.25. Mia saved \$8.03. How much more money did Mia save?

- A \$1.78
- B \$1.88
- C \$2.22
- D \$2.78

9. The Cole City Library has 4138 books. People have checked out 1709 of the books. How many books remain in the library?

- A 2329
- B 2429
- C 3629
- D 3631

10. Look at the number sentence below.

$$7 \times \square \times 3 = 168$$

Which missing factor will make this number sentence true?

- A 158
- B 80
- C 9
- D 8

11. Katie picks 16 flowers. She gives $\frac{1}{8}$ of them to Jen and $\frac{5}{8}$ of them to Sue. How many flowers does she give away?

- A 16
- B 12
- C 8
- D 6

12. What number is missing in the pattern?

80, 40, 60, 30, \square , 25, 45

- A 20
- B 35
- C 15
- D 50

13. Find the difference in simplest form.

$$\frac{7}{8} - \frac{3}{8} = \square$$

- A $\frac{1}{2}$
- B $\frac{10}{8}$
- C $1\frac{1}{4}$
- D $\frac{4}{0}$

14. Which set of numbers is in order from least to greatest?

- A 31,550; 32,055; 31,502
- B 31,502; 31,550; 32,055
- C 32,055; 31,550; 31,502
- D 31,550; 31,502; 32,055

15. Emily follows these steps to check her division.

- She multiplies 7×8 .
- Then she adds 5.

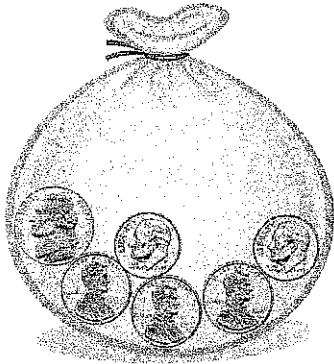
Which division did she solve?

- A $5 \overline{)56}$
- B $5 \overline{)61}$
- C $7 \overline{)61}$
- D $8 \overline{)56}$

Name _____

Circle the letter of the correct answer choice.

16. Anna pulled out 1 coin without looking from the bag shown below. Then she put the coin back in the bag. Next Tyler pulled out 1 coin without looking.



What is the probability of both Tyler and Anna pulling out 1 nickel?

- A less likely
- B more likely
- C certain
- D impossible

17. One book costs \$3.67. How much will 6 books cost?

- A \$21.73
- B \$22.02
- C \$22.03
- D \$42.02

18. Which decimal is two and one hundredth?

- A 0.201
- B 2.1
- C 2.01
- D 2.100

19. A bag of 5 limes costs 95¢. How much does 1 lime cost?

- A 11¢
- B 17¢
- C 19¢
- D 20¢

20. Mr. Clark leaves for lunch at 12:45 P.M. He will return in 40 minutes. What time will Mr. Clark return?

- A 12:85 P.M.
- B 1:25 P.M.
- C 1:35 P.M.
- D 1:45 P.M.

21. It costs \$4 to rent a paddleboat for 15 minutes. How much will it cost to rent the paddleboat for 2 hours?

- A \$8
- B \$16
- C \$32
- D \$60

22. What is $\frac{1}{9}$ of 72?

- A 9
- B 8
- C 7
- D 6

23. Use the order of operations to simplify $32 \div 8 + 8 \times 2$.

- A 10 C 20
B 12 D 24

24. Which polygon has 5 sides?

- A pentagon
B hexagon
C rhombus
D trapezoid

25. Bria wrote a story with 117 words. Megan's story has 5 times as many words. How many words are there in Megan's story?

- A 1535
B 585
C 555
D 535

26. What is the sum of 8.57 and 9.64?

- A 19.11 C 18.11
B 18.21 D 17.21

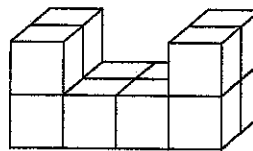
27. Find the quotient of $526 \div 6$.

- A 81 R4
B 87
C 87 R2
D 87 R4

28. The land area of Rhode Island is one thousand forty-five square miles. Which shows this in standard form?

- A 1,000,045
B 1,450
C 1,405
D 1,045

29. Ann used cubes to build the structure below. What is its volume?



- A 4 cubic units
B 8 cubic units
C 12 cubic units
D 16 cubic units

30. One statement below shows fractions in order from least to greatest. Which statement is correct?

- A $\frac{1}{2} < \frac{4}{5} < \frac{3}{10}$
B $\frac{1}{2} < \frac{3}{10} < \frac{4}{5}$
C $\frac{1}{8} < \frac{1}{2} < \frac{3}{4}$
D $\frac{1}{2} < \frac{3}{4} < \frac{1}{8}$