

Summer Work for Incoming **Grade 5** in 2024-2025

1. Answer all the questions in the space provided. Use separate loose leaf paper to do any long calculations. All work must be shown for each answer.
2. During the summer, review multiplication tables up to 12 X 12. Memorization is necessary.
3. Summer work is due on the first day of school in September.
4. Write your name on each sheet including loose leaf.
5. Enjoy your summer!

Name \_\_\_\_\_

**Note:** Students will be expected to write in cursive. Points will be taken off of quizzes and tests if students do not write in cursive. Please practice cursive over the summer.

Choose the correct answer.

1. Juan plans to use a strategy to find  $12 \times 380$ . Which expression shows a strategy he could use?

(A)  $3 \times 4 \times 38$   
(B)  $4 \times 4 \times 380$   
(C)  $12 \times 0 \times 380$   
(D)  $3 \times 4 \times 380$

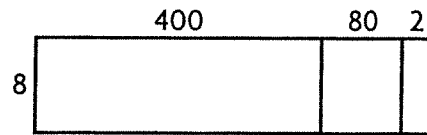
2. Kate's family saved 2,573 pennies last year. Zoe's family saved 3 times as many. How many pennies did Zoe's family save last year?

(A) 8,519  
(B) 7,729  
(C) 7,719  
(D) 7,519

3. A factory can make 3,848 pencils in one hour. Which is the **best** estimate of how many pencils can be made in 4 hours?

(A) 160,000 pencils  
(B) 16,000 pencils  
(C) 12,000 pencils  
(D) 1,600 markers

4. Mario made this model to find the product of a 3-digit number and a 1-digit number.



What multiplication sentence represents Mario's model?

- (A)  $8 \times 402 = 3,216$   
(B)  $8 \times 428 = 3,424$   
(C)  $8 \times 480 = 3,840$   
(D)  $8 \times 482 = 3,856$
5. Julia lives 0.3 mile from the park. Which fraction is equivalent to 0.3?
- (A)  $\frac{1}{3}$   
(B)  $\frac{3}{10}$   
(C)  $\frac{3}{100}$   
(D)  $\frac{0}{3}$

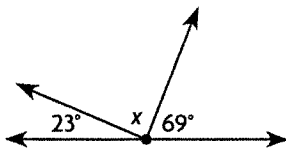
6. Tony rode his bicycle  $3\frac{7}{10}$  miles to school. What is this distance written as a decimal?

- (A) 0.037 mile
- (B) 0.37 mile
- (C) 3.7 miles
- (D) 37 miles

7. Craig hiked for  $\frac{7}{10}$  mile and stopped to take pictures. Then he hiked for another  $\frac{25}{100}$  mile. How far did he hike in all?

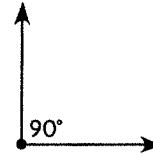
- (A)  $\frac{32}{100}$  mile
- (B)  $\frac{70}{100}$  mile
- (C)  $\frac{85}{100}$  mile
- (D)  $\frac{95}{100}$  mile

8. What is the measure of the unknown angle in the figure?



- (A)  $180^\circ$
- (B)  $92^\circ$
- (C)  $88^\circ$
- (D)  $44^\circ$

9. Caroline drew the angle below.



What name should Caroline give her angle?

- (A) obtuse angle
- (B) acute angle
- (C) right angle
- (D) straight angle

10. Eric put two angles together to form a straight angle. One angle measures  $115^\circ$ . What is the measure of the other angle?

- (A)  $65^\circ$
- (B)  $75^\circ$
- (C)  $85^\circ$
- (D)  $95^\circ$

11. How many degrees are in an angle that turns through  $\frac{1}{3}$  of a circle?
- (A)  $360^\circ$   
(B)  $180^\circ$   
(C)  $120^\circ$   
(D)  $90^\circ$
12. Irene bought  $\frac{9}{16}$  pound of wheat flour and  $\frac{4}{16}$  pound of rye flour to use in a bread recipe. How much flour did Irene buy in all?
- (A)  $\frac{15}{16}$  pound  
(B)  $\frac{13}{16}$  pound  
(C)  $\frac{1}{2}$  pound  
(D)  $\frac{13}{32}$  pound
13. Dan has a piece of wood that is  $\frac{9}{10}$  meter long. He uses  $\frac{6}{10}$  meter of the piece of wood for a model boat he is building. How much of the piece of wood does Dan have left?
- (A)  $\frac{15}{10}$  meters  
(B)  $\frac{3}{5}$  meter  
(C)  $\frac{5}{10}$  meter  
(D)  $\frac{3}{10}$  meter
14. One of the hiking trails at a state park is  $\frac{14}{3}$  miles long. Which mixed number shows the length of the hiking trail?
- (A)  $4\frac{2}{3}$  miles  
(B)  $4\frac{1}{3}$  miles  
(C)  $3\frac{2}{3}$  miles  
(D)  $3\frac{1}{3}$  miles
15. Emma has  $5\frac{3}{8}$  pounds of potato salad and  $2\frac{7}{8}$  pounds of egg salad for a picnic. How many more pounds of potato salad than egg salad does Emma have?
- (A) 3 pounds  
(B)  $2\frac{3}{4}$  pounds  
(C)  $2\frac{1}{2}$  pounds  
(D)  $2\frac{1}{4}$  pounds



- 16.** Anna has 32 red beads, 16 blue beads, and 8 green beads. She wants to put an equal number of each kind of bead on necklaces she is making. How many of each kind of bead can Anna put on each necklace?
- A 8
- B 2, 4 or 8
- C 2 or 4
- D 1, 2, 4, or 8
- 17.** Paula and Karen are playing a game. Paula counts by 4s. Karen counts by 5s. They try to pace the counting so they will say the first common number together. What is the first number they both say together?
- A 20
- B 15
- C 12
- D 5
- 18.** Jeff's teacher writes a list of numbers on the board. She asks Jeff to circle the prime number. Which number should Jeff circle?
- A 6
- B 10
- C 13
- D 15
- 19.** Ming writes a number pattern on a slip of paper and hands it to his friend Jack.
- 24, 21, 23, 20, 22, 19, 21, 18
- Jack writes the next number in the pattern and hands the paper back to Ming. What number should Jack write?
- A 19
- B 20
- C 21
- D 22
- 20.** Dawn's family is taking a 3-day vacation to visit her cousins. How many hours will they be away?
- A 24 hours
- B 36 hours
- C 48 hours
- D 72 hours

21. The table shows a pattern for two units of customary capacity.

_____	_____
1	4
2	8
3	12
4	16

Which are the best labels for each column?

- (A) Gallons, Cups
  - (B) Quarts, Cups
  - (C) Pints, Cups
  - (D) Cups, Fluid Ounces
22. Carlos and his family left for the amusement park at 8:35 A.M. The trip took 1 hour 55 minutes. What time did they arrive?
- (A) 9:35 A.M.
  - (B) 10:15 A.M.
  - (C) 10:30 A.M.
  - (D) 10:45 A.M.

23. Sandy cut three pieces of yarn to use for her art project. One piece was 1 foot 8 inches long, one was 10 inches long, and one was 2 feet 6 inches long. How much yarn did Sandy use?

- (A) 3 feet 12 inches
- (B) 4 feet 10 inches
- (C) 5 feet
- (D) 5 feet 6 inches

24. A picture called a mosaic was made from 172,435 small clay tiles. What is the value of the digit 2 in 172,435?

- (A) 200
- (B) 2,000
- (C) 20,000
- (D) 200,000

25. Maya used number tiles to make the number 428,745. Then she changed two digits to make the number 427,845. Which statement about these numbers is correct?

- (A)  $428,745 < 427,845$
- (B)  $427,845 = 428,745$
- (C)  $427,845 > 428,745$
- (D)  $427,845 < 428,745$