

Choose the correct answer.

1. Dan's science magazine has a mass of 256.674 grams. What is the mass of his magazine rounded to the nearest tenth?
- (A) 257 grams
(B) 256.6 grams
(C) 256.7 grams
(D) 256.67 grams
2. The middle school is 2.72 kilometers from Marsha's house and 1.54 kilometers from Ryan's house. How much farther does Marsha live from the middle school than Ryan?
- (A) 11.18 kilometers
(B) 1.28 kilometers
(C) 1.18 kilometers
(D) 0.18 kilometer
3. Rico's backpack weighed 3.6 pounds. Then he added his school books which weighed an additional 24.76 pounds. How much did Rico's backpack weigh with his school books?
- (A) 60.76 pounds
(B) 28.36 pounds
(C) 27.82 pounds
(D) 25.12 pounds
4. Lester and Kari are playing a number pattern game. Kari wrote the following pattern.
- 45.5, 49, 52.5, _____, 59.5
- What is the unknown number in the pattern Kari wrote?
- (A) 55.5
(B) 56
(C) 56.5
(D) 58
5. Laura rode her bike for $3\frac{5}{8}$ hours on Saturday and for $4\frac{1}{4}$ hours on Sunday. Which is the best estimate of the time Laura spent riding her bike on Saturday and Sunday?
- (A) about 9 hours
(B) about 8 hours
(C) about 7 hours
(D) about 6 hours

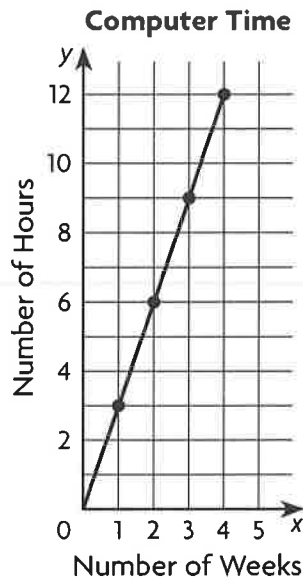


11. What is the unknown number in Sequence 2 in the chart?

Sequence Number	1	2	3	5	7
Sequence 1	7	14	21	35	49
Sequence 2	21	42	63	105	?

- (A) 126
- (B) 127
- (C) 147
- (D) 154

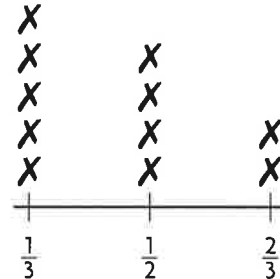
12. The graph shows the relationship between the number of weeks and the number of hours spent on the computer.



What rule relates the number of weeks to the number of hours of computer time?

- (A) Multiply the number of weeks by 3.
- (B) Multiply the number of weeks by 2.
- (C) Multiply the number of weeks by $2\frac{1}{2}$.
- (D) Multiply the number of hours by 3.

13. Otis is cutting a long piece of wood trim into smaller pieces for an art project. The line plot shows the length of the smaller pieces of wood.



Length of Wood Pieces (in feet)

How many pieces of wood will be at least $\frac{1}{2}$ foot in length?

- (A) 9
- (B) 7
- (C) 6
- (D) 4

14. Adela is buying a DVD player on layaway for \$210. If she makes a down payment of \$30 and pays \$15 each week, how many weeks will it take Adela to pay for the DVD player?

- (A) 10
- (B) 12
- (C) 16
- (D) 14



- 20.** The swimming instructor has a list of 152 students who have signed up for swimming lessons. The swimming instructor can register 12 students in each class. What is the least number of classes needed for all the students to be registered in a class?
- (A) 12
(B) 13
(C) 14
(D) 15
- 21.** Kayla has a T-shirt store. She sold three times as many white T-shirts as blue T-shirts. She sold a total of 48 T-shirts. How many white T-shirts did Kayla sell?
- (A) 46
(B) 36
(C) 24
(D) 12
- 22.** The owner of a music store received a shipment of 1,532 CDs. The CDs came in 37 boxes. The same number of CDs were in 36 of the boxes. How many CDs were in the remaining box?
- (A) 2
(B) 10
(C) 20
(D) 41
- 23.** Miguel has 48 coins. Of the 48 coins, $\frac{5}{8}$ are dimes. How many of the coins are dimes?
- (A) 30
(B) 26
(C) 20
(D) 18
- 24.** Dominic spent $2\frac{3}{4}$ hours on his art project. Rachel worked $1\frac{1}{3}$ times as long on her art project as Dominic worked. For how many hours did Rachel work on her art project?
- (A) $2\frac{2}{3}$ hours
(B) 3 hours
(C) $3\frac{2}{3}$ hours
(D) $4\frac{7}{12}$ hours
- 25.** Ariana has $\frac{2}{3}$ quart of milk. She uses $\frac{3}{4}$ of it in a cookie recipe. How much milk did Ariana use in her recipe?
- (A) $\frac{1}{8}$ quart
(B) $\frac{1}{4}$ quart
(C) $\frac{1}{3}$ quart
(D) $\frac{1}{2}$ quart



- 31.** Mario went on a hike with his friends. They hiked 2.24 miles an hour for 8 hours. How many miles did they hike in all?
- (A) 1.792 miles
(B) 17.92 miles
(C) 19.92 miles
(D) 179.2 miles
- 32.** There is $\frac{1}{2}$ gallon of fruit punch that will be shared equally among 5 friends. What fraction of a gallon of punch will each friend get?
- (A) $\frac{1}{4}$ gallon
(B) $\frac{1}{5}$ gallon
(C) $\frac{1}{10}$ gallon
(D) $\frac{1}{12}$ gallon
- 33.** At lunch, 8 friends share 6 sandwiches equally. What fraction of a sandwich does each friend get?
- (A) $\frac{3}{4}$
(B) $\frac{2}{3}$
(C) $\frac{1}{2}$
(D) $\frac{1}{3}$
- 34.** Luis has $\frac{5}{8}$ quart of grape juice. He pours the same amount into each of 5 glasses. Which equation represents the fraction of a quart of grape juice n that is in each glass?
- (A) $\frac{5}{8} \div \frac{1}{5} = n$
(B) $5 \div \frac{5}{8} = n$
(C) $\frac{5}{8} \div 5 = n$
(D) $5 \div 8 = n$
- 35.** Yoko evaluates $7 \div \frac{1}{6}$ by using a related multiplication expression. Which multiplication expression should she use?
- (A) $\frac{1}{7} \times \frac{1}{6}$
(B) 7×6
(C) $\frac{1}{7} \times 6$
(D) $7 \times \frac{1}{6}$



- 41.** Jordan spent a total of \$14.85 on a trip to the zoo. She spent \$6.50 to get into the zoo, \$2.85 on snacks, and the rest on bus fares. How much did she spend on bus fares to and from the zoo?
- (A) \$5.05
(B) \$5.50
(C) \$8.35
(D) \$9.35
- 42.** A museum announces that it has just had its 1,326,871 visitor. What is the value of the digit 6 in 1,326,871?
- (A) 6,000
(B) 60,000
(C) 600,000
(D) 6,000,000
- 43.** Ricardo just received a shipment of 50 tool sheds for his garden supply store. Each shed costs him \$40. Which of the following could Ricardo use to find the total amount he will pay for the tool sheds?
- (A) $(5 \times 4) \times 10^1 = 200$
(B) $(5 \times 4) \times 10^2 = 2,000$
(C) $(5 \times 4) \times 10^3 = 20,000$
(D) $(5 \times 4) \times 10^4 = 200,000$
- 44.** Mark's father travels 463 miles every month for his job. How many miles does he travel in 8 months?
- (A) 3,204 miles
(B) 3,284 miles
(C) 3,604 miles
(D) 3,704 miles
- 45.** Lucas and his sister Luisa are saving to buy a birthday present for their mother. The present costs \$95. Lucas earns \$16 per week running errands for neighbors and spends \$7 of it. Luisa earns \$24 per week babysitting and spends \$12 of it. Which expression can be used to find how many weeks it will take to save for the present?
- (A) $95 \div [(16 + 7) - (24 - 12)]$
(B) $95 \div [(16 + 7) - (24 + 12)]$
(C) $95 \div [(16 - 7) + (24 - 12)]$
(D) $95 \div [(16 - 7) + (24 + 12)]$

