

Read each question. Then fill in the correct answer on the answer sheet provided by your teacher or on a sheet of paper.

1. Mrs. Brown needs to make two different desserts for a party. The first recipe requires $2\frac{1}{4}$ cups of flour and the second recipe requires $\frac{3}{4}$ cup less than the first. Write an equation that can be used to find the number of cups of flour needed for the second recipe.

2. The fraction $\frac{5}{6}$ is found between which pair of fractions on a number line?

A. $\frac{1}{4}$ and $\frac{5}{8}$
B. $\frac{1}{3}$ and $\frac{4}{9}$

C. $\frac{11}{12}$ and $\frac{31}{36}$
D. $\frac{7}{12}$ and $\frac{17}{18}$

3. At 7 A.M., the temperature was 15°F below zero. By 2 P.M. the temperature rose 32°F and by 5 P.M. it dropped 10°F . What was the temperature at 5 P.M.?

F. 10°F

G. 9°F

H. 7°F

I. 11°F

4. A diver is swimming 11 meters below the surface. The diver sees a shark 19 meters below him. How many meters below the surface is the shark?

5. Maria had \$240 in her savings account. The table shows the change in her account for four consecutive weeks.

Week	Change
1	Deposit of \$25
2	Withdrawal of
3	Withdrawal of
4	Deposit of \$60

How much money, in dollars, did Maria have in her account at the end of the four weeks?

6. The table shows the distance Kelly swam over a four-day period. What was the total distance, in miles, that Kelly swam?

Kelly's Swimming	
Day	Distance (mi)
Monday	1.5
Tuesday	$2\frac{3}{4}$
Wednesday	2.3
Thursday	$3\frac{1}{2}$

- A. 10.5 miles C. $10\frac{1}{20}$ miles
 B. $10\frac{1}{4}$ miles D. 9 miles
7. Which of the following gives the correct meaning of the expression $\frac{5}{8} \div \frac{1}{3}$?

F. $\frac{5}{8} \div \frac{1}{3} = \frac{8}{5} \times \frac{3}{1}$ H. $\frac{5}{8} \div \frac{1}{3} = \frac{5}{8} \times \frac{3}{1}$
 G. $\frac{5}{8} \div \frac{1}{3} = \frac{5+1}{8+3}$ I. $\frac{5}{8} \div \frac{1}{3} = \frac{5}{8} \times \frac{1}{3}$

8. The table shows the lowest temperature readings to the nearest degree recorded for four countries.

City	Temperature (°F)
Finland	-61°
France	-42°
India	-27°
United	-80°

- Which of the countries has the lowest recorded temperature?
- A. Finland B. India C. France D. United States
9. Nate had 25 action figures. He gave away 10 to his brother. He then got 3 new action figures as a gift. How many action figures does Nate have now?

10. Which expression represents the least value?

F. $678 \div \frac{1}{3}$ H. $678 \times \frac{1}{3}$
 G. $678 + \frac{1}{3}$ I. $678 - \frac{1}{3}$

11. Jacob had \$25 for back-to-school shopping. He bought a shirt for \$15 and then returned a shirt he bought a week ago and got \$20 in return. How much money in dollars does Jacob have now?

12. Evan runs $2\frac{3}{8}$ miles each week. He runs $\frac{3}{4}$ mile on Mondays and $\frac{3}{4}$ mile on Tuesdays. How far does he run, in miles, on Thursday if it is the only other day he runs?
13. A recipe for a batch of cookies calls for $2\frac{1}{3}$ cups of flour for 24 cookies. Manuel wants to make 72 cookies. How many cups of flour will he need?
14. A box of laundry detergent contains 35 cups. It takes $1\frac{1}{4}$ cups per load of laundry.

Part A Write an equation to represent how many loads you can wash with one box.

Part B How many loads can you wash with one box?

Part C How many loads can you wash with 3 boxes?