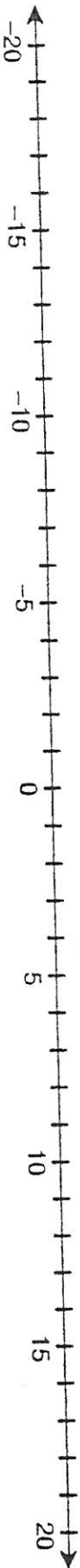
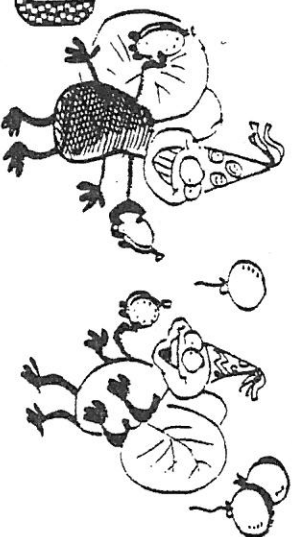


# Extra Knowledge

## Why Do Flies Always Bring Their Stopwatches to Parties?

Write an integer for each exercise. Find the point on the number line that corresponds to the integer. Write the letter of the exercise above the number line at that point.



Write an integer for each situation.

Write an integer for each expression.

Write an integer for each question.

**E** 3 units to the left of 0

**S** the opposite of 8

**N** 15 ft above sea level

**E** a gain of 6 yd

**I** 5° below zero

**N** a deposit of \$20

**E** 14 steps backward

**T** four seconds after liftoff

**I** a loss of ten pounds

**W** one floor down

**E** 19 m below sea level

**H** the opposite of -11

**A**  $-(17)$

**T**  $-(-14)$

**E**  $|-1|$

**R**  $|8|$

**U**  $-n$  if  $n = 16$

**G**  $-n$  if  $n = -16$

**B**  $-(12 + 8)$

**H**  $|16 - 11|$

**E**  $-|9|$

**S**  $-|-15|$

**A**  $|x|$  if  $x = -12$

**F**  $-|x|$  if  $x = -12$

**N** Which is greater, 2 or -13?

**T** Which is greater, -7 or -6?

**E** Which is greater, -11 or 9?

**C** Which is less, -18 or -4?

**U** Which is less,  $|-20|$  or 19?

**H** Which is less, 0 or  $-(-3)$ ?

The table below gives the starting point, direction, and length of arrows drawn on the number line. Complete the table by writing the endpoint of each arrow.

| Starting Point | Direction | Length | Endpoint |
|----------------|-----------|--------|----------|
| 0              | negative  | 4      | <b>M</b> |
| -2             | positive  | 9      | <b>Y</b> |
| -2             | negative  | 9      | <b>L</b> |
| 5              | positive  | 13     | <b>F</b> |
| -10            | positive  | 23     | <b>V</b> |

# Extra Knowledge

## What Happened to the Dallas Sheep Rancher Who Claimed He Was Going to Start Selling Wool in 47 Different Colors?



Do each exercise below and find your answer in one of the boxes at the bottom of the page. Write the letter of the exercise in that box. (To help you locate your answer quickly, the answers are arranged in order from smallest to largest.)



- (E)  $-8 - 3 =$   
 (A)  $4 - (-1) =$   
 (H)  $2 - 11 =$   
 (T)  $-12 - (-14) =$   
 (E)  $30 + (-8) =$   
 (B)  $3 - (-6) =$   
 (A)  $-11 - 7 =$   
 (I)  $20 - 25 =$   
 (E)  $-36 - (-6) =$   
 (N)  $13 - (-4) =$   
 (R)  $-3 + 16 =$

- (E)  $-5 - 16 =$   
 (A)  $30 + (3 - 5) =$   
 (D)  $2 - (1 - 9) =$   
 (S)  $(-22 + 33) - 11 =$   
 (E)  $-10 - (8 - 10) =$   
 (I)  $(6 - 1) - (-12 + 2) =$   
 (H)  $(-15 - 15) - (15 - 13) =$   
 (E)  $(3 - 7) - (9 - 12) =$   
 (S)  $(-25 + 50) - (-4 - 6) =$   
 (T)  $-2 - 5 - 3 =$   
 (B)  $-18 + 14 - 2 =$   
 (M)  $5 - 12 - 7 =$   
 (E)  $100 - 97 + 9 =$   
 (G)  $10 - 4 - 4 - 4 =$   
 (B)  $-36 - 12 + 36 - 12 =$   
 (T)  $-3 + 40 - 10 - 8 =$   
 (G)  $-16 + 9 - 2 + 6 =$   
 (C)  $-5 - 5 - 5 - 5 =$   
 (X)  $(-3 - 12) - (-40) =$   
 (L)  $2 - (32 - 34) =$   
 (M)  $10 + (-6 - 1 + 4) =$   
 (Y)  $(-3 + 8 - 5) - (-11) =$

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |   |   |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|---|---|
| -32 | -30 | -24 | -21 | -20 | -18 | -14 | -11 | -10 | -9 | -8 | -6 | -5 | -3 | -2 | -1 | 0 | 2 |
| 4   | 5   | 7   | 9   | 10  | 11  | 12  | 13  | 15  | 17 | 19 | 22 | 25 | 28 | 35 |    |   |   |