

1. Chris left to take his dog for a walk at 6:25 P.M. He returned home after 26 minutes. He talked to his neighbor for 10 minutes before going back into his house.

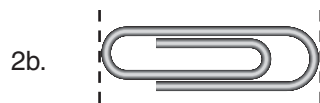
Write the time that Chris got home and the time he went back into the house. Explain how you found each time.

2. Kayla measured an object with an inch ruler. It was about 1 inch wide.

For numbers 2a–2d, choose Yes or No to tell whether the object could be the one Kayla measured.



☐ Yes ☐ No



☐ Yes ☐ No



☐ Yes ☐ No



☐ Yes ☐ No

3. Luz left for the park at 2:27 P.M. She arrived at 3:09 P.M.
How long did it take Luz to get to the park?

_____ minutes

4. Terry wakes up for school at five minutes before seven in the morning. At what time does Terry wake up?

Circle a time that makes the sentence true.

Terry wakes up at

6:55 A.M.

6:55 P.M.

7:05 A.M.

7:05 P.M.

5. Select the objects with a mass less than 1 kilogram.
Mark all that apply.

- (A) desk (C) eraser
(B) eyeglasses (D) plastic fork

6. A batch of muffins needs to bake in the oven for 22 minutes. They need to cool for at least 15 minutes before they should be eaten. Wade puts the muffins in the oven at 10:17 A.M.

For numbers 6a–6d, select True or False for each statement.

- 6a. Wade can eat the muffins at 10:39 P.M. ☐ True ☐ False
6b. Wade can eat the muffins at 10:44 A.M. ☐ True ☐ False
6c. Wade should take the muffins out of the oven at 10:39 P.M. ☐ True ☐ False
6d. Wade should take the muffins out of the oven at 10:39 A.M. ☐ True ☐ False

GO ON 

7. Kirk went to a friend's house after dinner. He left his house at the time shown on the clock and returned home at 8:05 P.M.

Part A

How long was Kirk gone?

_____ minutes

**Part B**

Explain how you found your answer.

8. Brad looked at the clock on his way to the football game.

What time is shown on Brad's clock? Mark all that apply.

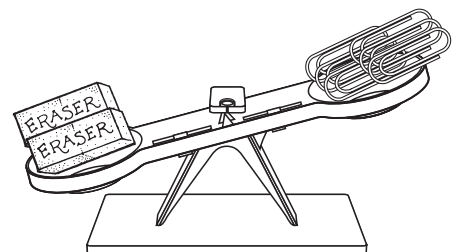
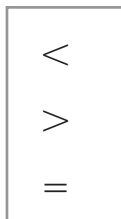
- ☐ A thirteen minutes before ten ☐ C quarter to ten
☐ B nine forty-seven ☐ D nine forty



9. Andrea uses a balance scale to compare mass.

Circle a symbol that makes the comparison true.

The mass of the erasers _____ the mass
of the paper clips.



- 10.** A bucket of water holds about 19 liters.

For numbers 10a–10e, choose Yes or No to tell whether the container will hold all of the water.

- | | | |
|-------------------------|---------------------------|--------------------------|
| 10a. bath tub | <input type="radio"/> Yes | <input type="radio"/> No |
| 10b. large water bottle | <input type="radio"/> Yes | <input type="radio"/> No |
| 10c. soup bowl | <input type="radio"/> Yes | <input type="radio"/> No |
| 10d. large fish tank | <input type="radio"/> Yes | <input type="radio"/> No |
| 10e. kitchen sink | <input type="radio"/> Yes | <input type="radio"/> No |

- 11.** Select the animals that would be best measured in kilograms. Mark all that apply.

- ☒ A dog
- ☐ B mouse
- ☐ C goat
- ☐ D sheep

- 12.** Luisa is planning her day on Saturday. Write the letter for each activity next to the time she plans to do it.

- | | | |
|---------------------|----------------------|------------|
| A Wake up. | <input type="text"/> | 3:30 P.M. |
| B Play soccer game. | <input type="text"/> | 8:30 P.M. |
| C Eat lunch. | <input type="text"/> | 7:30 A.M. |
| D Go to a movie. | <input type="text"/> | 12:30 P.M. |
| E Go to bed. | <input type="text"/> | 9:00 A.M. |



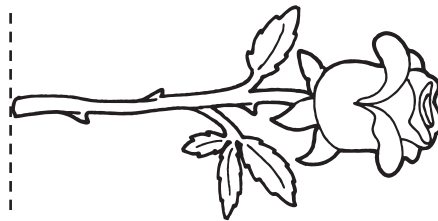
- 13.** Stephen has 28 teaspoons of lemon juice. He uses 5 teaspoons of juice for each glass of lemonade he makes. He adds 2 teaspoons of juice to each glass of iced tea he makes.

Stephen makes 4 glasses of lemonade. Does he have enough lemon juice to make 4 glasses of iced tea? Explain how you solved the problem.

- 14.** Use an inch ruler to measure.

Part A

What is the length of the flower to the nearest fourth-inch?



_____ inches

Part B

Explain how your answer would change if you measured the length of the flower to the nearest inch instead of fourth-inch.

- 15.** A football game begins at 11:32 A.M. The game lasts 3 hours 16 minutes. When does the game end?

- 16.** Alicia buys two packets of flower seeds. She buys a total of 75 grams of seeds. Select the packets she buys.

25g

(A)

30g

(B)

35g

(C)

45g

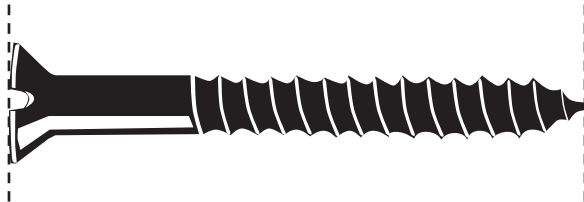
(D)

GO ON 

17. Mr. Barton measures the screws on his workbench. He records the measurements in a chart.

Part A

Mr. Barton found another screw. Use an inch ruler to measure. Record the measurement in the chart.

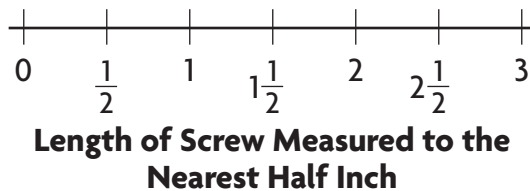


_____ inches

Number of Screws	Length in Inches
1	$\frac{1}{2}$ inches
2	1 inches
2	$1\frac{1}{2}$ inches
1	$2\frac{1}{2}$ inches
_____	_____

Part B

Complete the line plot to show the data in the chart. How many screws are longer than 2 inches? Tell how you know.



18. Abby fills a mug with hot cocoa. Is the amount of cocoa *more than 1 liter*, *about 1 liter*, or *less than 1 liter*? Explain how you know.

