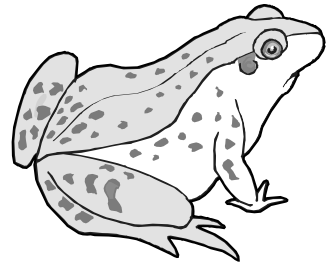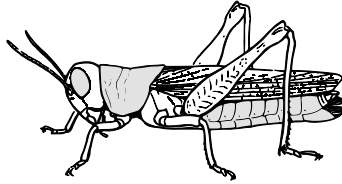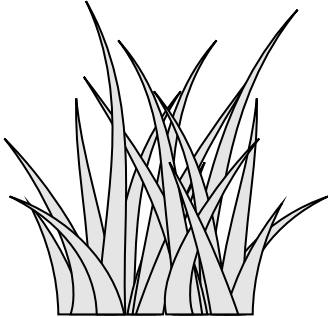# Hot Spot

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Shown below is a food chain.
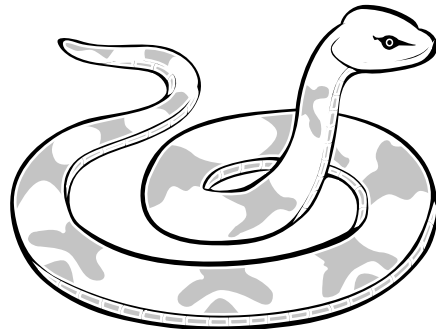
Step 1: Use the drawing tools to show the flow of the food chain.

Inline Questions

Noah and Liam shared a package of 10 baseballs equally.
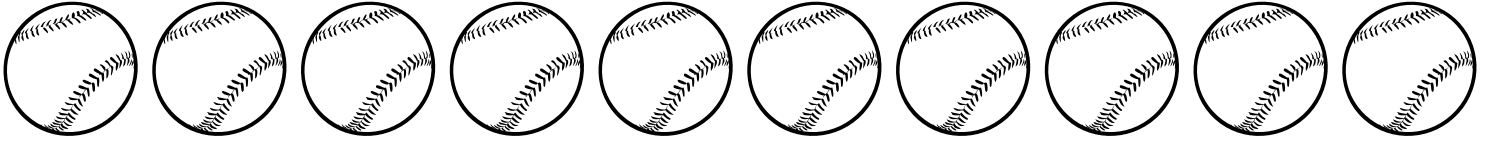
Each person received _____ fraction of the package of baseballs.

Drag and Drop

Which number sentence should be used to determine the number that goes inside the blank box?

$$12 ÷ 2 = \boxed{}$$

| 12 x 2 = 24 | 2 + 10 = 12 | 6 x 2 = 12 | 2 + 12 = 14 |

Correct Answer:

Equation Editor

Gary purchased 4 packs of purple golf balls and 2 packs of blue golf balls. Each pack contained 12 golf balls.

Write a number sentence that represents how many golf balls Gary bought.

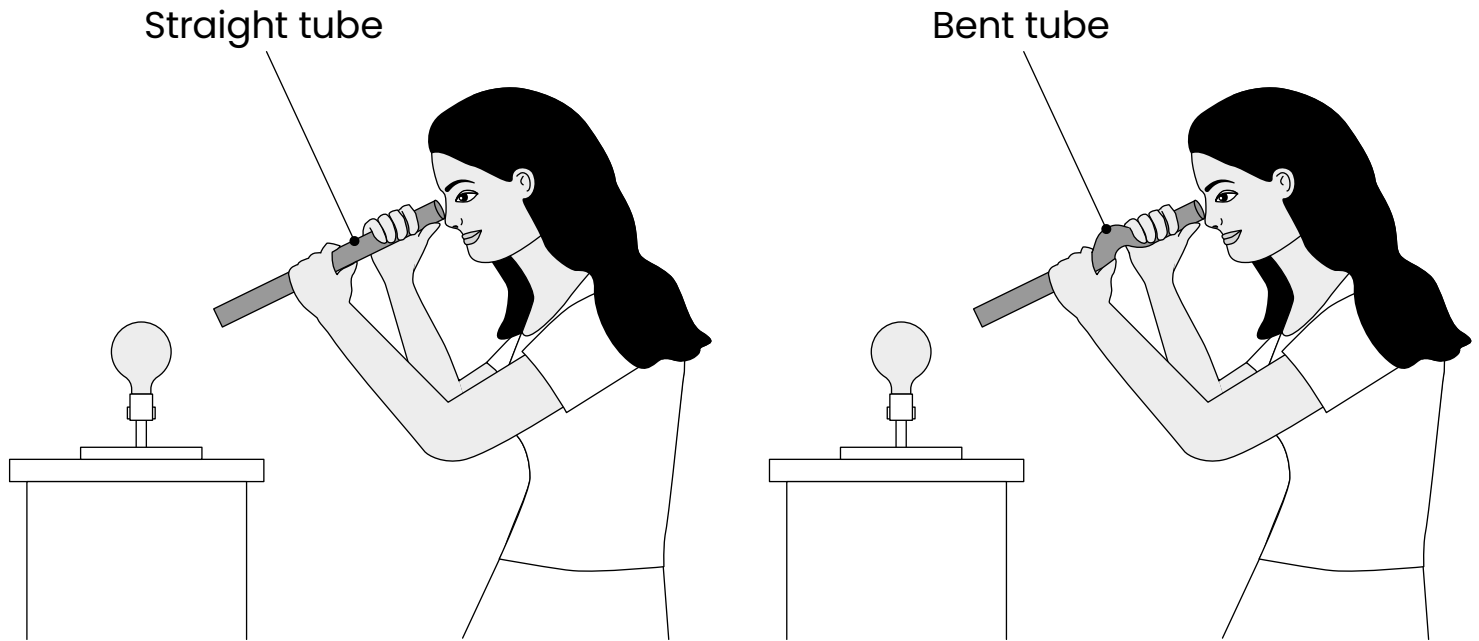# Hot Text

A student puts various objects in a bucket of water to observe if they will float.

Object
Metal fork
Toothpick
Coin
Vegetable oil
Cork
Plastic paper clip

Which set of objects is less dense than water?

Short Constructed Response

A student uses two different cardboard tubes to directly observe a lit nightlight as shown.

Straight tube

Bent tube

Which tube, if any, will the light pass through and why?

Multi-select and Multipart Question Type

1   There was once a farmer who had a large field of corn that he harrowed and weeded with the greatest care, for he wanted to sell the corn and buy good things for his family with the money. But after he had worked hard, he saw the corn wither and droop, for no rain fell, and he began to fear that he was to have no crop. He felt very sad, and every morning he went out to the field and looked at the thirsty stalks and wished for the rain to fall.

2   One day, as he stood looking up at the sky, two little raindrops saw him, and one said to the other: "Look at that farmer. I feel very sorry for him. He took such pains with his field of corn, and now it is drying up. I wish I might help him."

3   "Yes," said the other, "but you are only a little raindrop. What can you do? You can't wet even one hill."

4   "Well," said the first, "I know, to be sure, I cannot do much; but perhaps I can cheer the farmer a little, and I am going to do my best by going to the field to show my good will, if I can't do anything more. Here I go!"

5 The first raindrop had no sooner started for the field than the second one said:

6 "Well, if you really insist upon going, I think I will go, too. Here I come!" And down went the raindrops. One came—pat—on the farmer's nose, and one fell on a thirsty stalk of corn.

7 "Dear me," said the farmer, "what's that? A raindrop! Where did it come from? I do believe we shall have a shower."

8 By this time a great many raindrops had come together to see what all the commotion was about, and when they saw the two kind little drops going down to cheer the farmer and water his corn, one said:

9 "If you two are going on such a good errand, I'll go, too!" And down he came. "And I!" said another. "And I!" And so said they all, until a whole shower came and the corn was watered, and then the corn grew and ripened—all because one little raindrop tried to do what it could.

Text Entry

All the sides of this figure have the same length. The perimeter of the figure is 72 inches.
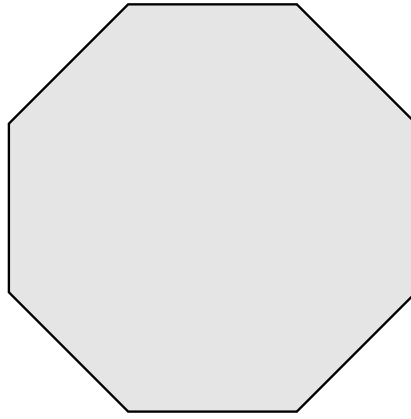
Find the length of one side of the figure in inches.