

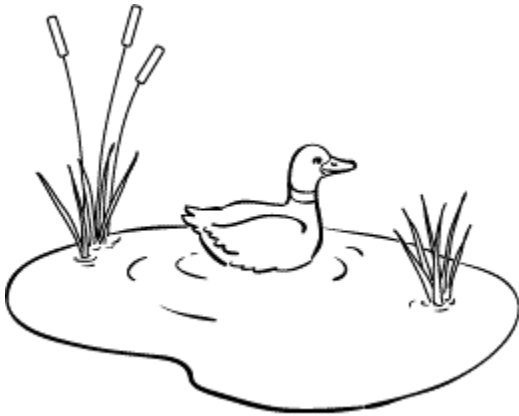
**McGraw-Hill Science © 2000, Texas Edition  
TAKS Practice Test**

**Grade 1, Chapter 7  
Pushes and Pulls**

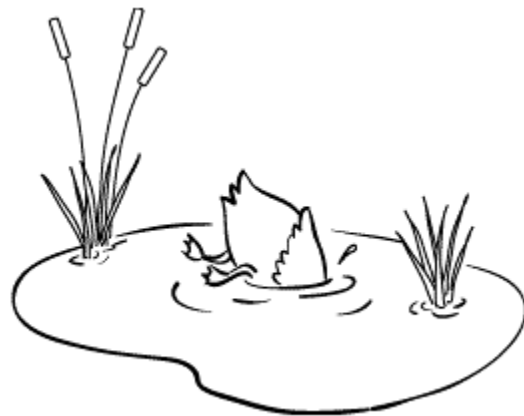
**Name** \_\_\_\_\_

**Date** \_\_\_\_\_

Use the pictures to answer Questions 1 and 2.



Picture 1



Picture 2

- 1 What does Picture 1 show about the duck?
- The position of the duck
  - The mass of the duck
  - How fast the duck is moving
- 2 What does Picture 2 show about the duck?
- The duck kept the same position from Picture 1.
  - The duck moved from its position in Picture 1.
  - The duck has more mass than in Picture 1.

Use the picture to answer Questions 3, 4, and 5.

3 What force makes the football move?

- A force inside the football
- A pulling force from the boy
- A pushing force from the boy



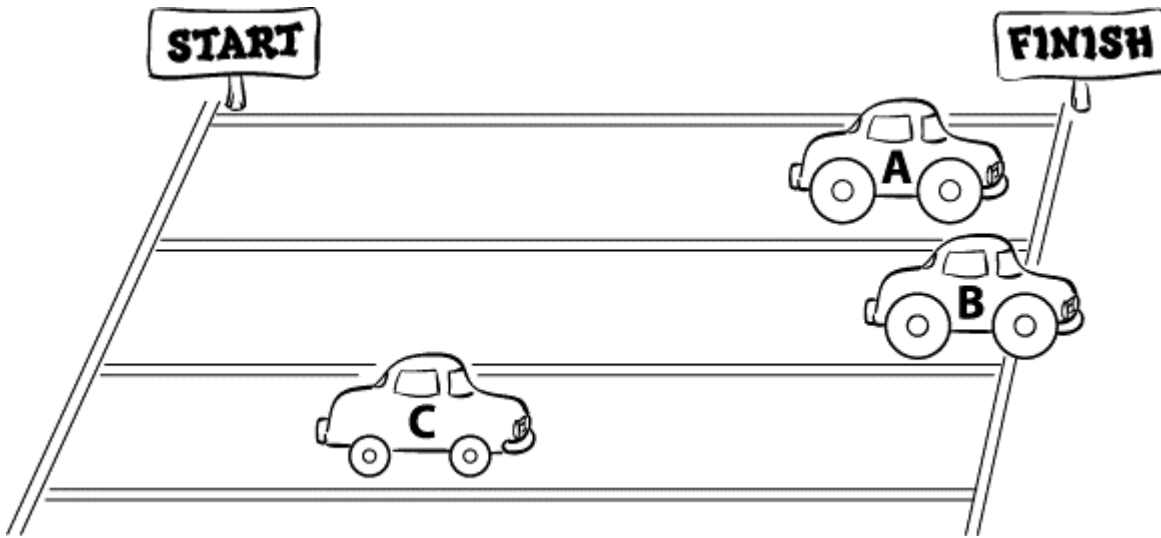
4 When the boy kicks the football, the football changes \_\_\_\_\_.

- position
- mass
- color

5 How far does the football move?  
To find out, you would need to measure the change in \_\_\_\_\_ of the football.

- length
- position
- speed

Use the words and picture to answer Questions 6, 7, and 8.

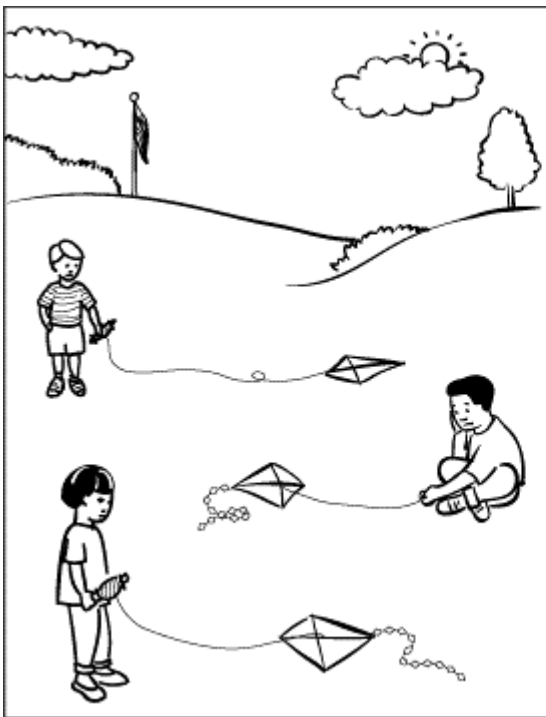


Children raced three toy cars.  
Each car left the start position at the same time.  
The picture shows the end of the race.

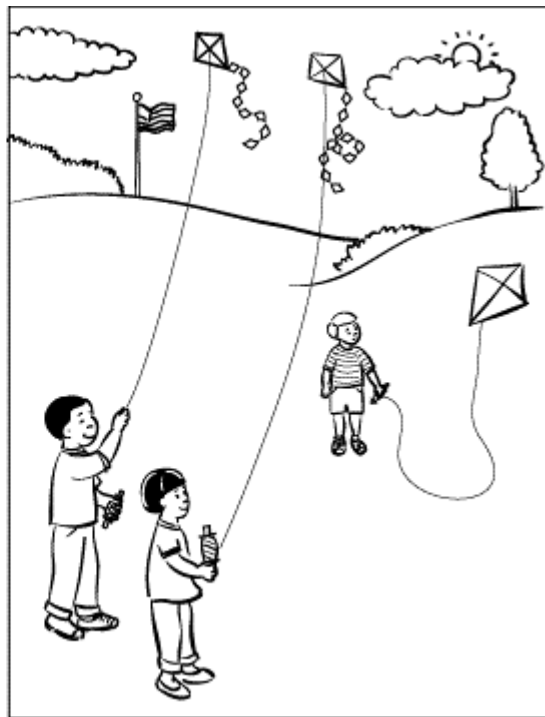
- 6** Which car was the fastest?
- Car A
  - Car B
  - Car C
- 7** How is Car C different from the other cars?
- Its wheels are smaller.
  - Its body is bigger.
  - Its wheels are a different shape.

- 8 What tool would help the children measure how far the cars moved?
- Clock
  - Ruler
  - Thermometer

Use the words and picture to answer Questions 9, 10, and 11.



Monday



Tuesday

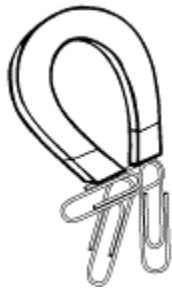
- 9 When did the wind blow strongest?
- Monday
  - Tuesday

**10** On Tuesday, why is one of the kites not flying?

- The wind is not strong enough.
- The kite is missing a part.
- The kite is too large.

**11** The force of the \_\_\_\_\_ keeps a kite high in the air.

- tail
- string
- wind



**12** What force stops the paper clips from falling?

- The force of the air
- The force of the magnet
- The force of the letter "U"

ANSWER KEY and CORRELATIONS:

Question	Answer	TAKS	McGraw-Hill Science Grade 1 textbook
1	The position of the duck	3.6A	p. 148
2	The duck moved from its position in Picture 1.	3.6A	p. 148
3	A pushing force from the boy	3.6A	p. 156
4	position	3.6A	p. 148
5	position	3.6A	p. 155
6	Car B	3.6A	p. 147
7	Its wheels are smaller.	5.2B	p. 162
8	Ruler	5.4A	p. R10
9	Tuesday	5.2B, 5.2C	p. 172
10	The kite is missing a part.	5.2B, 5.2C	p. 167
11	wind	3.6A	p. 172
12	The force of the magnet	5.7A	p. 158