

1. Pierre and his friends order from a hot dog stand.



Based on the price list given, how many hot dogs and colas do they buy with \$17.80?

- F 3 hot dogs and 5 colas
- G 5 hot dogs and 3 colas
- H 6 hot dogs and 4 colas
- J 5 hot dogs and 5 colas

- 2.

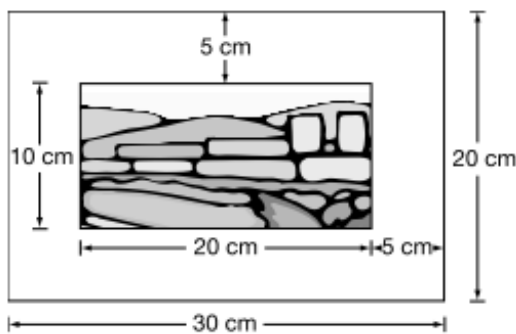
A ball is dropped from a height of 10 m above the ground. It bounces to **90% of its previous height** on each bounce.



What is the approximate height that the ball bounces to on the **fourth** bounce?

- A 2.8 m
- B 4.3 m
- C 6.6 m
- D 7.2 m

3. A frame around a photograph is 5 cm wide.



What **percentage** of the entire area is the frame?

- a 25%
- b 33%
- c 50%
- d 67%

- 4.

In a soccer league, a win counts for 2 points, a tie counts for 1 point and a loss counts for 0 points. A soccer team has 5 wins, 2 ties and 3 losses.



If the team continues to win, tie and lose in the same ratio, which of the following values is the best prediction of their point total after 40 games?

- a 36 points
- b 48 points
- c 96 points
- d 480 points

5. What is the sale price of the skateboard?



- a \$40.00
- b \$64.00
- c \$120.00
- d \$135.00

7. Juan would like to order some stationery items from a catalogue. He can spend up to \$15.00 but not more.

Guaranteed Low Prices!		
\$3.13/item  1" Binder	\$2.39/item  Glue Stick	\$4.28/item  Mechanical Pencil
\$1.96/item  Notebook	\$6.49/item  Stapler	\$1.51/item  Steel Clip
Plus 15% tax on all items		

Which of the following groups of items, including 15% tax, can Juan afford to buy with his \$15.00?

- a One binder, one stapler and three steel clips
- b Two steel clips, two binders and two notebooks
- c One notebook, one stapler and one mechanical pencil
- d One binder, one glue stick and two mechanical pencils

6. The advertisement below shows the sale price of a big-digit calculator.



What is the best estimate of the **regular price** of the big-digit calculator?

- a \$12
- b \$14
- c \$16
- d \$18

8. Josie works in a sports store. She receives 8% of the total sales each day. One day, she receives \$35 for her portion of the total sales. What are the total sales for that day?

- a \$37.80
- b \$43.75
- c \$280.00
- d \$437.50

9.

Competing Sales

Sam is interested in buying a TV. At Fair Deal, the TV is regularly priced at \$599.99 and is on sale for 20% off the regular price. At Big Big Discount, the same TV is regularly priced at \$899.99 and is on sale for 30% off the regular price.



What is the difference in the sale price of the TV between these two stores?

Show your work.
