6 Mark returned a video 3 days late and paid $6 in late charges. Linda returned a video 5 days late and paid $10. Their friend Eric returned a video 9 days late. How much did Eric pay in late charges?

- ○ $4
- ○ $8
- ○ $14
- ● $18

This item appeared at two adjacent grade levels.

Grade 5
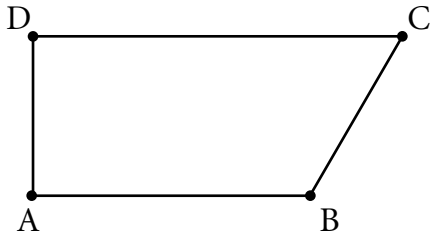Standard 2.3a: Patterns, Functions, and Algebra
Subcontent Area: not assigned

Grade 6
Standard 2.3a: Patterns, Functions, and Algebra
Subcontent Area: not assigned

7 Study the figure below.

Which angle in the figure is an acute angle?

- ○ ∠A
- ○ ∠B
- ● ∠C
- ○ ∠D

This item appeared at two adjacent grade levels.

Grade 5
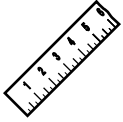Standard 4.2a: Geometry and Spatial Sense
Subcontent Area: not assigned

Grade 6
Standard 4.2a: Geometry and Spatial Sense
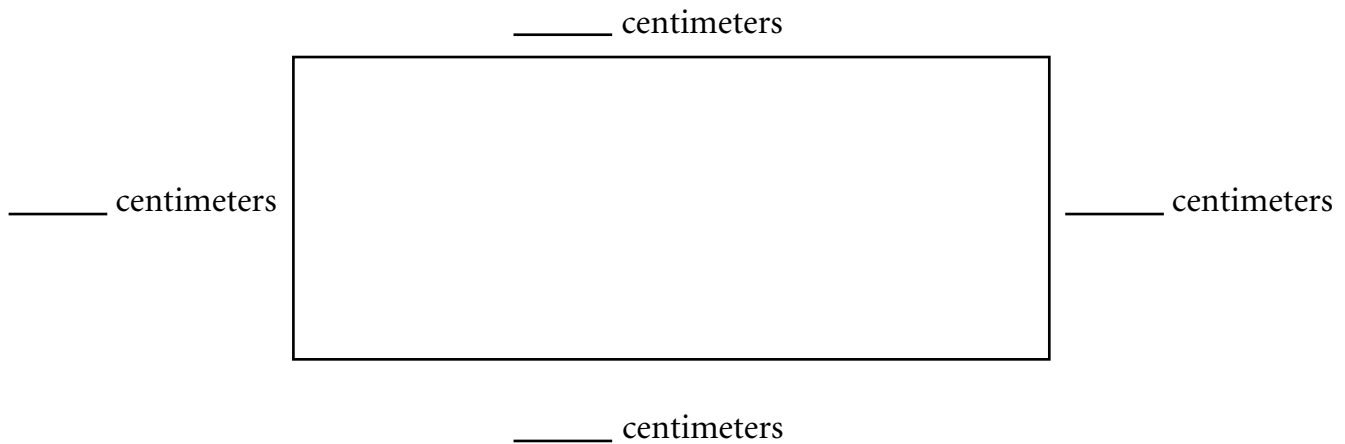Subcontent Area: not assigned

8   From your punch-out tools, use the ruler to help you solve this problem.
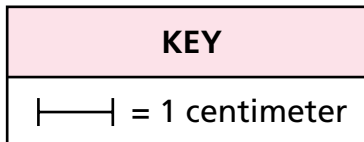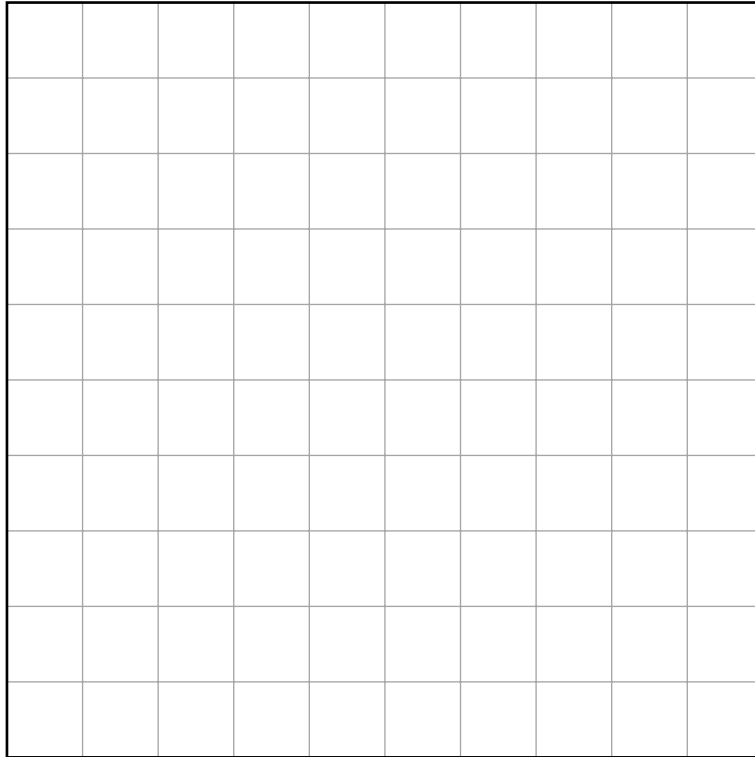
Study the rectangle shown below.

Part A   Using the centimeter side of your ruler, measure the length of each side of the rectangle. Write your answers on the lines below.

_____ centimeters

_____ centimeters   _____ centimeters

_____ centimeters

Part B   On the line below, write the perimeter of the rectangle.

_____ centimeters

Part C   On the grid below, draw a **square** with the same perimeter as the rectangle and label each side in centimeters.

KEY
├──────┤ = 1 centimeter

grid—pattern of lines that form squares

9

$$
\begin{array}{r}
275 \\
\times\ 28 \\
\hline
\end{array}
$$

○   2,750

○   5,764

○   6,060

●   7,700

This item appeared at only one grade level.

Grade 6
Standard 6.2d: Operation and Calculation
Subcontent Area: not assigned
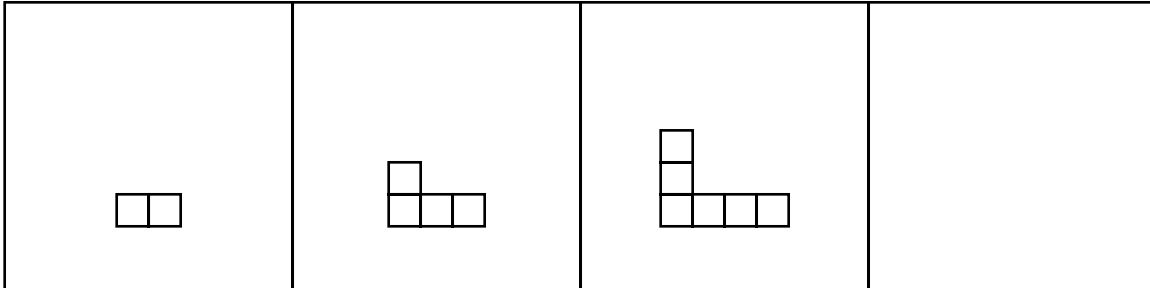
10 Study the figures below.

Figure 1	**Figure 2**	**Figure 3**	**Figure 4**

Part A In the space above, draw Figure 4.

Part B Complete the table with the number of blocks needed to form each figure.

Figure	1	2	3	4	5	6	7	8
Number of Blocks	2	4	6					

Part C In the space below, show or explain how you would find the number of blocks in Figure 20 and write your answer on the line.

_____ blocks

11 A school basketball team practices at least 2 times a week for five weeks. Each practice is 45 minutes long. The coach uses the table below to keep a record of the number of practices and the amount of time practiced each week.
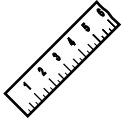
Practice Schedule

Week	Number of Practices	Time
1	2	$1\frac{1}{2}$ hours
2	3	$2\frac{1}{4}$ hours
3	2	$1\frac{1}{2}$ hours
4	4	3 hours
5		

How many practices must the team have in Week 5 to have a total of $10\frac{1}{2}$ hours of practice for all 5 weeks? Show your work in the space below and write your answer on the line.

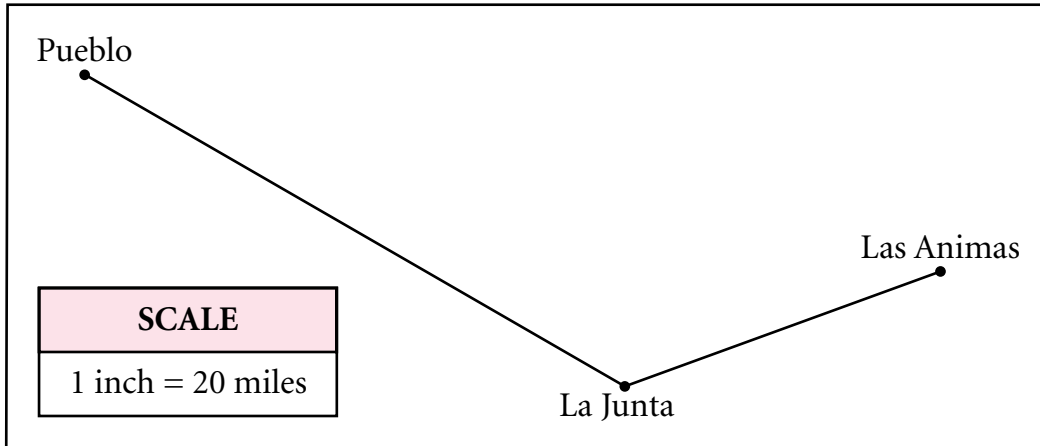_____ practices

record—written information

12 From your punch-out tools, use the ruler to help you solve this problem.

Juan and his family drove from Pueblo to Las Animas. On their trip they stopped in La Junta to visit the Koshare Indian Museum and Kiva. Juan made the map below as part of a class report about the trip.

Family Trip

Pueblo

Las Animas

La Junta

SCALE
1 inch = 20 miles

Part A Use Juan's map to find the total distance driven from Pueblo through La Junta to Las Animas.

_____ miles

Part B On the lines below, use words, numbers, or symbols to explain how you found your answer.

_____

_____

_____

_____

_____