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A **pictograph** uses symbols, or pictures, to stand for a certain number of units. The **key** of a pictograph tells how many each symbol stands for.

PAY PHONE CALLS

Person	Money Used
Bernadette	● ● ●
Josef	● ● ● ● ●
Dawn	● ●

KEY: ● = \$0.25

How much money did Josef use at the pay phone?

Count the number of symbols for Josef: 5

Multiply: 5 symbols × \$0.25 = \$1.25

Josef used \$1.25 at the pay phone.

A pictograph is best used to compare data values that are independent of one another.

Read each problem. Circle the letter of the best answer.

Use this pictograph to answer questions 1–4.

MONEY TAKEN OUT OF BANK

Person	Amount of Money
Dale	Ⓢ Ⓢ Ⓢ
Juan	Ⓢ Ⓢ
George	Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ Ⓢ
Shane	Ⓢ Ⓢ Ⓢ Ⓢ

KEY: Ⓢ = \$20

1 How much more money did George take out of the bank than Shane?

- A** \$2
- B** \$20
- C** \$40
- D** \$80

2 Dale spent \$15 of the money he took out of the bank. How much money does he have left?

- A** \$12
- B** \$15
- C** \$45
- D** \$75

3 What is the range in dollar amounts taken out of the bank?

- A** \$20
- B** \$40
- C** \$60
- D** \$80

4 What fraction of the total money was taken out of the bank by George?

- A** $\frac{1}{4}$
- B** $\frac{1}{3}$
- C** $\frac{2}{5}$
- D** $\frac{3}{5}$

The pictograph shows 6 symbols for George and 4 symbols for Shane. George has 2 more symbols than Shane. Each symbol stands for \$20, so George took out $2 \times \$20$, or \$40 more than Shane. The correct answer is C.

Read each problem. Write your answers.

5 The number of food items made at a bakery during the week is shown in this pictograph.

BAKERY ITEMS MADE

Day	Number of Food Items
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	

KEY: = 100 food items

A To plan the number of food items to bake, the bakery owner estimates about 50 items will not be sold each day. About how many items did the owner expect would sell on Tuesday?

Answer: _____

B Explain how you know your answer is correct.

6 A local post office sells postage stamps. This pictograph shows the number of postage stamps this post office sold in five days.

POSTAGE STAMPS

Day	Postage Stamps Sold
1	
2	
3	
4	
5	

KEY: = 50 postage stamps

A On which day were 400 postage stamps sold?

Answer: _____

B What is the range in postage stamps sold in these five days?

Answer: _____

C Explain how you know your answer is correct.
