1	This	pattern	was	made	usino	the	first	six	shane	26
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Identify and describe the pattern, then extend the pattern two more shapes.

2. Sam went to a store to buy candy bars. The price list for the candy bars is shown.

Buying Candy Bars						
Number of	Total Cost					
Candy Bars						
3	\$6					
4	\$8					
6	\$12					
8	\$16					

Identify and describe the relationship between the number of candy bars and total cost as a rule; then, determine what would be the cost for 10 candy bars.

3. Look at the pattern of numbers shown below.

What will be the next number in the pattern?

- a. 28
- b. 30
- c. 32
- d. 34

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4. The table shows a number pattern

Input	18	22	26	34
Output	8	12	16	24

Which could be the rule for this pattern?

- a. Add 9
- b. Subtract 10
- c. Multiply by 4
- d. Divide by 2
- 5. Caldon is using an addition rule to make the number pattern shown below.

$$2\frac{1}{3}$$
, 3, $3\frac{2}{3}$, $4\frac{1}{3}$, 5

If the pattern continues in the same way, what will be the next number in the pattern?

- a. 6
- b. $6\frac{1}{3}$
- c. $5\frac{2}{3}$
- d. $5\frac{1}{3}$