

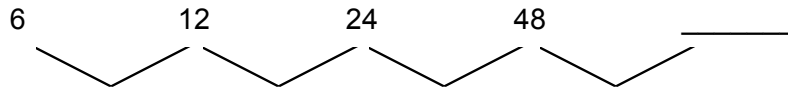
FINDING A PATTERN

If the numbers in the pattern
go **UP**,
you should **add** or **multiply**.

If the numbers in the pattern
go **DOWN**,
you should **subtract** or **divide**.

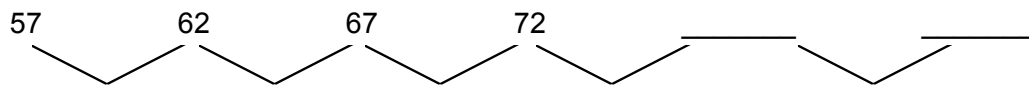
Directions: Identify the pattern. Continue the pattern to find the next term (number).

1. Find the next term in the series.



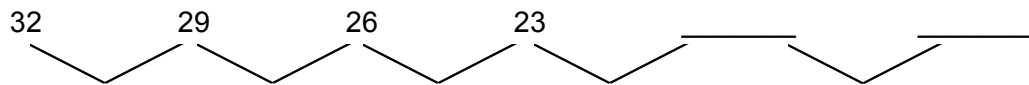
pattern

2. Find the sixth term in the series.



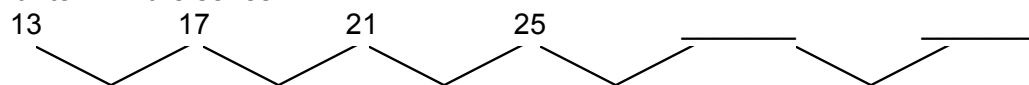
pattern

3. Find the sixth term in the series.



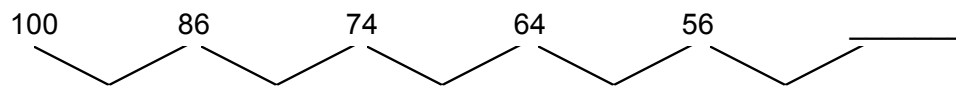
pattern

4. Find the sixth term in the series.



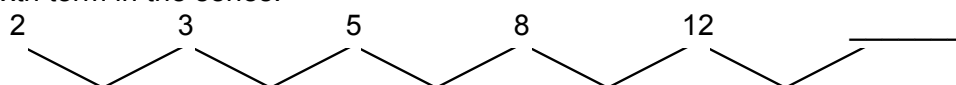
pattern

5. Find the sixth term in the series.



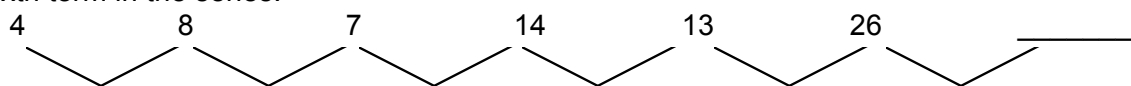
pattern

6. Find the sixth term in the series.



pattern

7. Find the sixth term in the series.



pattern

FINDING A PATTERN

DIRECTIONS

Identify the pattern. Continue the pattern to find the next term (number).

8. What temperature will it be at noon?

temperature	62°	67°	72°	?
time	9:00 a.m.	10:00 a.m.	11:00 a.m.	12:00 noon

① ② ③ ④ ⑤

- (1) 73°
- (2) 75°
- (3) 77°
- (4) 78°
- (5) 79°

9. Every month, a committee withdraws money from a building fund at the same rate. How much money will be in the account in July?

MONTH	BALANCE
March	\$ 30,000
April	\$ 24,000
May	\$ 18,000
June	\$ 12,000
July	\$ -

① ② ③ ④ ⑤

- (1) \$5,000
- (2) \$6,000
- (3) \$7,000
- (4) \$8,000
- (5) \$9,000

10. The table below shows the population of Santa Fe. If the population continues in the same pattern, what will be the population of Santa Fe in 2020?

YEAR	POPULATION
1940	4,000
1960	8,000
1980	16,000
2000	32,000
2020	

① ② ③ ④ ⑤

- (1) 5,000
- (2) 6,400
- (3) 8,000
- (4) 34,000
- (5) 64,000

FINDING A PATTERN

11. Each month Bert puts part of his earnings in his savings account, which is shown below. If he continues to save at the same rate, how much will be in his account at the end of May?

Date	Savings
February 29	\$455
March 31	\$537
April 30	\$619
May 31	

① ② ③ ④ ⑤

- (1) 700
- (2) 701
- (3) 702
- (4) 703
- (5) 704

12. Frances is on a 1200 calorie per day diet. She is losing weight steadily, as shown in the table below. If she stays on this diet and continues to lose weight at the same rate, how much weight can she expect to lose in the next four months?

Date	Weight
June 1	164
July 1	159
August 1	154

① ② ③ ④ ⑤

- (1) 20
- (2) 21
- (3) 22
- (4) 23
- (5) 24

13. It is now 12:10 p.m. What time can Jason expect the next bus to leave Pine Street stop?

Pine Street Bus Schedule
Departure Times
10:00 a.m.
10:25 a.m.
10:35 a.m.
11:00 a.m.
11:10 a.m.
11:35 a.m.
11:45 a.m.
12:10 p.m.

① ② ③ ④ ⑤

- (1) 12:15
- (2) 12:20
- (3) 12:25
- (4) 12:30
- (5) 12:35