

Number Patterns



Class_ Name Date

A pattern is described as "each number is two and a half times larger than the previous number." What numbers represent this pattern?

A 2, 5, 7.5, 11.25

- **B** 3, 7.5, 15, 22.5
- C 4, 6, 15, 37.5
- **D** 5, 12.5, 31.25, 78.125



What are the next three numbers of this pattern?



- A 34, 43, 52
- **B** 37, 49, 61
- C 36, 47, 58
- **D** 38, 52, 67

3

At the hardware store, paint is displayed in stacked rows of paint cans. There are 2 less cans in each row. On the bottom row, there are 11 cans. How many paint cans are there all together?



In the number pattern, 8, 16, 24, 32, 40, 48..., there is more than one pattern that describes it.





PREVIEW



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needed for the display?

- A 15
- C 10
- **B** 13
- **D** 9

- C 25 · 7 · 3
- $D 2^3 \cdot 7 \cdot 4$

9

What are the next three numbers of the pattern?

- A 46, 69, 103
- B 61, 121, 241
- C 62, 124, 248
- **D** 63, 127, 255

10

At an auto shop, cases of oil are stacked on top of each other. On the bottom row, there are 20 cases. Each row has 2 less cases than the one below it. How many

cases are used in all?

- A 90
- **B** 110
- C 111
- **D** 120





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Class_ Name Date A pattern is described as "each number What are the next three numbers of is two and a half times larger than the this pattern? previous number." What numbers represent this pattern? D **A** 2, 5, 7.5, 11.25 A 34, 43, 52 **B** 3, 7.5, 15, 22.5 **B** 37, 49, 61 C 4, 6, 15, 37.5 C 36, 47, 58 **D** 5, 12.5, 31.25, 78.125 **D** 38, 52, 67 3 At the hardware store, paint is displayed In the number pattern, 8, 16, 24, 32, in stacked rows of paint cans. There are 40, 48..., there is more than one 2 less cans in each row. On the bottom pattern that describes it. row, there are 11 cans. How many paint cans are there all together? 5 B **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet B needed for the display? C 25 · 7 · 3 $D 2^3 \cdot 7 \cdot 4$ A 15 C 10 **D** 9 **B** 13 At an auto shop, cases of oil are stacked 9 10 What are the next three numbers of on top of each other. On the bottom row, the pattern? there are 20 cases. Each row has 2 less cases than the one below it. How many cases are used in all? (B)A 46, 69, 103 A 90 B 61, 121, 241 **B** 110 C 62, 124, 248 C 111 **D** 63, 127, 255 **D** 120