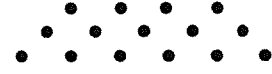
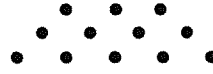
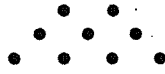
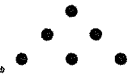


Pat's Pattern

This problem gives you the chance to

- *analyze, continue, describe, and generalize a pattern*

Pat's teacher asked him to look at the pattern below and draw the figure that would come next.



Pat does not know how to find the next figure.

1. Draw the next figure for Pat.

Name

Date

2. Write a description for Pat telling him how you knew which figure comes next. Make sure that Pat can understand how to continue the pattern himself.

3. How many dots would be in the 10^{th} figure?

4. How many dots would be in the 100^{th} figure?

5. If we had a figure called Figure n , use the variable n to describe how many dots there would be in Figure n . Write a formula if you can.



Why Did Mrs. Washington Go Into Young George's Bedroom Early In the Morning?

Do each exercise and find your answer in the answer column under it. Write the letter of the answer in the box containing the number of the exercise. If the answer has a ●, shade in the box instead of writing a letter in it.

Round to the nearest ten.

- ① 362
- ② 757
- ③ 425
- ④ 1,984
- ⑤ 3,668
- ⑥ 8,109
- ⑦ 22,451
- ⑧ 71,094
- ⑨ 50,269
- ⑩ 81,898

Answers:

Answers:

Round to the nearest hundred.

- ⑪ 863
- ⑫ 451
- ⑬ 1,922
- ⑭ 7,370
- ⑮ 4,505
- ⑯ 65,283
- ⑰ 90,559
- ⑱ 54,036
- ⑲ 54,063
- ⑳ 236,645

Answers:

Answers:

Round to the nearest thousand.

- ⑴ 3,294
- ⑵ 8,675
- ⑶ 9,580
- ⑷ 28,064
- ⑸ 49,307
- ⑹ 90,909
- ⑺ 372,861
- ⑻ 608,522
- ⑽ 174,280
- ⑾ 99,900

Answers:

Answers:

- Ⓐ 420
- Ⓑ 750
- Ⓒ 430
- Ⓓ 360
- Ⓔ 1,990
- Ⓕ 3,670
- Ⓖ 760
- Ⓗ 1,980
- Ⓙ 3,660
- Ⓚ 50,260
- Ⓛ 81,900
- Ⓜ 71,090
- Ⓝ 22,460
- Ⓟ 50,270
- Ⓠ 8,110
- Ⓡ 81,890
- Ⓢ 71,100
- Ⓣ 22,450

- Ⓛ 4,600
- Ⓜ 900
- Ⓝ 4,500
- Ⓟ 400
- Ⓠ 1,900
- Ⓡ 7,300
- Ⓢ 500
- Ⓣ 2,000
- Ⓤ 7,400
- Ⓥ 55,000
- Ⓦ 236,600
- Ⓧ 65,300
- Ⓨ 90,500
- Ⓩ 54,000
- Ⓟ 54,100
- Ⓡ 236,700
- Ⓢ 90,600
- Ⓣ 65,200

- Ⓤ 50,000
- Ⓧ 8,000
- Ⓨ 49,000
- Ⓩ 10,000
- Ⓟ 29,000
- Ⓠ 3,000
- Ⓡ 9,000
- Ⓢ 4,000
- Ⓣ 28,000
- Ⓥ 174,000
- Ⓦ 608,000
- Ⓧ 373,000
- Ⓨ 362,000
- Ⓩ 91,000
- Ⓟ 100,000
- Ⓡ 609,000
- Ⓢ 175,000
- Ⓣ 90,000

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

What Did Orgo's Mother Tell Him to Do With the Seat Belt?



Do each exercise and find your answer in the adjacent answer columns. Write the letter of the exercise in the box containing the number of the answer.

Round to the nearest tenth.

- ● ● ● ● ANSWERS ● ● ● ● ●
- 7 8.376 (G) 691.8 (E) 130.0
 - 18 15.02499 (T) 8.0 (I) 15.0
 - 12 0.2525252 (B) 0.4 (H) 3.2
 - 25 691.908 (D) 8.4 (N) 129.8
 - 2 3.1736404 (S) 691.9 (O) 0.3
 - 21 7.98 (L) 15.3 (R) 8.2
 - 14 129.955

Round to the nearest hundredth or nearest cent.

- ● ● ● ● ANSWERS ● ● ● ● ●
- 5 4.0718 (V) 92.34 (T) \$324.47
 - 23 0.6666666 (L) \$5.39 (P) 0.02
 - 8 92.354009 (O) 4.07 (G) 0.68
 - 16 0.02387 (S) \$0.70 (H) 92.35
 - 27 \$5.375 (F) 0.04 (I) \$324.45
 - 1 \$0.699 (A) 0.67 (U) \$5.38
 - 11 \$324.4705

Round to the nearest thousandth.

- ● ● ● ● ANSWERS ● ● ● ● ●
- 3 2.38383 (M) 70.659 (R) 4.297
 - 10 70.6591 (I) 15.201 (E) 2.384
 - 19 0.44444444 (O) 2.385 (P) 0.446
 - 9 15.20072 (H) 816.635 (T) 15.200
 - 4 15.20027 (S) 0.444 (L) 4.300
 - 17 816.63451 (G) 70.661 (N) 816.636
 - 6 4.2999

Round to 1-digit accuracy.

- ● ● ● ● ANSWERS ● ● ● ● ●
- 24 61.75 → 60 (B) 500 (D) 63
 - 15 3.6808 → 4 (T) 0.3 (H) 0.008
 - 28 0.33333333 → 0.3 (L) 5 (K) 600
 - 13 592.5 (R) 0.5 (A) 0.06
 - 20 0.0727 (P) 60 (E) 4
 - 26 0.00772 (S) 0.07 (N) 0.009
 - 22 0.48649

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----