Fill in the circle for the correct answer.
Multiply.

1. $80 \times 60 =$ ▨

   Ⓐ   48

   Ⓑ   480

   Ⓒ   4,800

   Ⓓ   48,000

2. $13 \times 67 =$ ▨

   Ⓕ   761

   Ⓖ   771

   Ⓗ   851

   Ⓚ   871

Solve.

3. Each student in Mr. Evans's class has 35 sheets of construction paper. If there are 30 students, how many sheets of construction paper are there in all?

   Ⓐ   950

   Ⓑ   1,050

   Ⓒ   1,150

   Ⓓ   1,250

4. At the local theater, 76 matinee tickets sold for $12 each and 94 evening tickets sold for $20 each. What is the difference in sales between matinee and evening tickets?

   Ⓕ $8

   Ⓖ $724

   Ⓗ $968

   Ⓚ $978

Choose the number sentence that can be used to find the product shown by the area model.
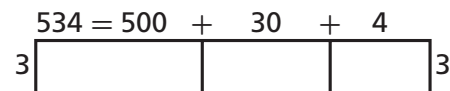
5. $3 \times 534 =$ ▨

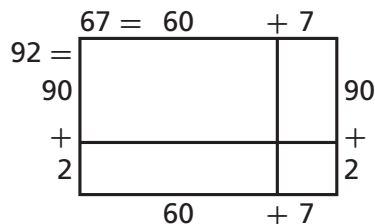   Ⓐ $(3 \times 500) + (3 \times 30) + (3 \times 3) = 1,599$

   Ⓑ $(3 \times 500) + (3 \times 30) + (3 \times 4) = 1,602$

   Ⓒ $(3 \times 500) + (4 \times 30) + (3 \times 3) = 1,629$

   Ⓓ $(3 \times 500) + (4 \times 30) + (4 \times 3) = 1,632$

$534 = 500 + 30 + 4$

6. $92 \times 67 =$ ▨

$67 = 60 + 7$
$92 = 90 + 2$

   Ⓕ $(90 + 2) \times (60 + 7) = 5,400 + 630 + 120 + 14 = 6,164$

   Ⓖ $(90 + 2) \times (60 + 7) = 5,400 + 630 + 120 + 9 = 6,159$

   Ⓗ $(90 + 7) \times (60 + 2) = 5,400 + 180 + 420 + 14 = 6,014$

   Ⓚ $(90 + 7) \times (60 + 2) = 5,400 + 180 + 420 + 9 = 6,009$

Choose the products that complete the pattern.

7. $6 \times 9 = 54$

$6 \times 90 = 540$

$60 \times 90 = 5{,}400$

$6 \times 900 = $ ▩

$6 \times 9{,}000 = $ ▩

Ⓐ 5,400 and 5,400

Ⓑ 5,400 and 54,000

Ⓒ 54,000 and 54,000

Ⓓ 54,000 and 5,400,000

Multiply.

8. $7 \times 83 = $ ▩

Ⓕ 561 Ⓗ 581

Ⓖ 571 Ⓚ 591

9. $38 \times 4 = $ ▩

Ⓐ 122 Ⓒ 142

Ⓑ 132 Ⓓ 152

10. $5 \times 703 = $ ▩

Ⓕ 3,505 Ⓗ 3,605

Ⓖ 3,515 Ⓚ 3,615

11. $347 \times 3 = $ ▩

Ⓐ 1,041 Ⓒ 941

Ⓑ 1,021 Ⓓ 921

12. $18 \times 70 = $ ▩

Ⓕ 1,060 Ⓗ 1,260

Ⓖ 1,160 Ⓚ 1,360

13. $14 \times 56 = $ ▩

Ⓐ 784 Ⓒ 684

Ⓑ 764 Ⓓ 664

14. $9 \times 4{,}698 = $ ▩

Ⓕ 41,182 Ⓗ 42,182

Ⓖ 41,282 Ⓚ 42,282

15. $3{,}608 \times 6 = $ ▩

Ⓐ 11,648 Ⓒ 21,648

Ⓑ 11,848 Ⓓ 22,848

Choose the best estimate of the product.

16. $4 \times 64 =$ ▢

 Ⓕ $4 \times 60 = 240$

 Ⓖ $10 \times 60 = 600$

 Ⓗ $4 \times 70 = 280$

 Ⓚ $10 \times 70 = 700$

17. $43 \times 89 =$ ▢

 Ⓐ $40 \times 80 = 3,200$

 Ⓑ $40 \times 90 = 3,600$

 Ⓒ $50 \times 90 = 4,500$

 Ⓓ $50 \times 100 = 5,000$

18. $38 \times 30 =$ ▢

 Ⓕ $30 \times 30 = 900$

 Ⓖ $40 \times 30 = 1,200$

 Ⓗ $50 \times 20 = 1,000$

 Ⓚ $50 \times 30 = 1,500$

19. $7 \times 2,943 =$ ▢

 Ⓐ $(7 \times 3,000) + (7 \times 1,000) = 28,000$

 Ⓑ $(7 \times 3,000) + (7 \times 900) = 27,300$

 Ⓒ $(7 \times 2,000) + (7 \times 900) = 20,300$

 Ⓓ $(7 \times 2,000) + (7 \times 500) = 17,500$

Find the exact cost.   *Show your work.*

20. Season tickets at an amusement park costs $57 per ticket. If someone buys 5 tickets, what will be the total cost?

 Ⓕ $255   Ⓖ $265   Ⓗ $275   Ⓚ $285

21. A manager at the sports store buys team caps for $6 per cap. If the manager buys 143 caps, how much will she pay for the caps?

 Ⓐ $858   Ⓑ $848   Ⓒ $758   Ⓓ $748

22. A farmer buys 4 cows. If each cow costs $543, how much will the cows cost altogether?

 Ⓕ $2,062   Ⓖ $2,072   Ⓗ $2,162   Ⓚ $2,172

Solve.   *Show your work.*

23. A toy company employee ships 168 jigsaw puzzles on Monday. He ships 175 jigsaw puzzles on Tuesday. Each puzzle weighs 4 pounds. How many pounds do the jigsaw puzzles weigh in all?

    Ⓐ 1,372 pounds   Ⓒ 1,232 pounds

    Ⓑ 1,362 pounds   Ⓓ 1,222 pounds

24. Jillian took her dogs to the pet store. She bought 5 toys. She paid $25 each to have her 2 big dogs groomed and $12 each to have her 2 small dogs groomed. She bought dog treats for $24. How much did it cost to have her dogs groomed?

    Ⓕ $66   Ⓖ $74   Ⓗ $90   Ⓚ $98

25. Which number sentence can be used to find the product shown by the area model?

$4 \times 3{,}974 = $ ▢

$3{,}974 =$	$3{,}000$	$+$	900	$+$	70	$+$	4

4 | | | | | 4

    Ⓐ $(4 \times 3{,}000) + (4 \times 900) + (4 \times 7) + 4 = 15{,}632$

    Ⓑ $(4 \times 3{,}000) + (4 \times 900) + (4 \times 7) + (4 \times 4) = 15{,}644$

    Ⓒ $(4 \times 3{,}000) + (4 \times 900) + (4 \times 70) + 4 = 15{,}884$

    Ⓓ $(4 \times 3{,}000) + (4 \times 900) + (4 \times 70) + (4 \times 4) = 15{,}896$