

Focus Exercises

Multiply.

1. $5 \cdot 4$

2. $6 \cdot 3$

3. $4 \cdot 7$

4. $8 \cdot 5$

5. $9 \cdot 4$

6. $3 \cdot 8$

7. $9 \cdot 6$

8. $8 \cdot 7$

9. $9 \cdot 3$

10. $8 \cdot 4$

11. $7 \cdot 5$

12. $6 \cdot 8$

13. $8 \cdot 8$

14. $9 \cdot 8$

15. $7 \cdot 7$

16. $9 \cdot 9$

Multiply.

17. $3 \cdot 80$

18. $4 \cdot 90$

19. $60 \cdot 7$

20. $50 \cdot 9$

21. $6 \cdot 50$

22. $80 \cdot 5$

23. $6 \cdot 400$

24. $8 \cdot 200$

25. $900 \cdot 7$

26. $500 \cdot 5$

27. $30 \cdot 90$

28. $70 \cdot 40$

29. $600 \cdot 60$

30. $400 \cdot 50$

31. $600 \cdot 800$

32. $200 \cdot 900$

Multiply.

33.
$$\begin{array}{r} 18 \\ \times 19 \\ \hline \end{array}$$

34.
$$\begin{array}{r} 26 \\ \times 15 \\ \hline \end{array}$$

35.
$$\begin{array}{r} 43 \\ \times 43 \\ \hline \end{array}$$

36.
$$\begin{array}{r} 62 \\ \times 62 \\ \hline \end{array}$$

37.
$$\begin{array}{r} 218 \\ \times 45 \\ \hline \end{array}$$

38.
$$\begin{array}{r} 307 \\ \times 92 \\ \hline \end{array}$$

39.
$$\begin{array}{r} 425 \\ \times 209 \\ \hline \end{array}$$

40.
$$\begin{array}{r} 528 \\ \times 303 \\ \hline \end{array}$$

41.
$$\begin{array}{r} 153 \\ \times 112 \\ \hline \end{array}$$

42.
$$\begin{array}{r} 216 \\ \times 144 \\ \hline \end{array}$$

43.
$$\begin{array}{r} 256 \\ \times 128 \\ \hline \end{array}$$

44.
$$\begin{array}{r} 1,153 \\ \times 224 \\ \hline \end{array}$$

Which property is being demonstrated?

45. $6 \cdot 9 = 9 \cdot 6$

46. $3 \cdot (5 + 8) = 3 \cdot 5 + 3 \cdot 8$

47. $4 \cdot (7 \cdot 2) = (4 \cdot 7) \cdot 2$

48. $18 \cdot 0 = 0$

Work each application and answer the question with a complete sentence.

49. The parking lot at the Hillside Christmas Craft Fair has 14 rows of parking with 12 parking spaces in each row. How many cars can fit in the parking lot?
50. Monica has a one year lease on her apartment and pays a monthly rent of \$835. How much rent will Monica pay for the entire year (12 months)?
51. Ignacio's truck gets 13 miles per gallon of gas. He just filled the gas tank to a total of 28 gallons. How many miles can Ignacio's truck go before it runs out of gas?
52. Sandy is counting inventory at The Office Station. In the pen and pencil section, there are 33 boxes of *Script Magic* gel pens. If each box holds 18 pens, how many *Script Magic* gel pens does The Office Station have in its inventory?
53. A jumbo jet is flying from San Francisco to Australia and is averaging 492 miles per hour. How many miles will the jet travel in 16 hours?
54. Rico spends \$25 every week on lottery tickets. How much does Rico spend in a year (52 weeks) on lottery tickets?
55. Diane is a massage therapist. During her first week working for Dr. Kent's chiropractic office, she saw 33 patients. If she earns \$18 for every patient, how much did Diane earn that first week?
56. Toby is preparing a 23-pound turkey for his family's Thanksgiving gathering. The recipe he's using says to roast the turkey 12 minutes per pound. For how many minutes should Toby roast the turkey?
57. There are 306 families in the Magnolia Elementary PTA. Each family must contribute \$18 throughout the year to support the PTA's field trip program. What will be the total income for the PTA's field trip program for one year?
58. Soo works for the purchasing department of a mid-sized company. Last week she bought 12 computers for their new West Valley office, which opens in two months. Each computer is priced at \$1,289. What is the total price for the 12 computers?
59. A youth soccer field is in the shape of a rectangle. The length is 60 yards and the width is 28 yards. What is the area of this soccer field?
60. An official college basketball court is 94 feet long and 50 feet wide. What is the area of this basketball court?
61. The state of Wyoming is in the shape of a rectangle. It is 357 miles long and 274 miles wide. Round each of these dimensions to the nearest ten. Use the rounded numbers to approximate the area of Wyoming.