Name: _____ Date: _____

Fresh Math

Multiply and Divide Using Place Value - Medium

Multiply using place value: break the numbers into hundreds, tens, and ones and add the partial products.

1. 749 × 54
2. 92 × 51
3. 76 × 25
4. 30 × 34
5. 763 × 63
6. 850 × 25
7. 60 × 15
8. 66 × 67
9. 681 × 20
10. 24 × 35

Name: _____ Date: _____

Fresh Math

Multiply and Divide Using Place Value - Medium

Divide using partial quotients: subtract multiples of the divisor by place value (thousands, hundreds, tens, ones).

11. 2470 ÷ 19

12. 2002 ÷ 14

13. 4018 ÷ 41

14. 2016 ÷ 18

15. 3125 ÷ 25

16. 3072 ÷ 24

17. 611 ÷ 13

18. 875 ÷ 35

19. 2054 ÷ 13

20. 1102 ÷ 19

Multiply and Divide Using Place Value - Medium - Answer Key

1. 749 × 54

   35,000 + 2,800 + 2,000 + 160 + 450 + 36 = 40,446

2. 92 × 51

   4,500 + 90 + 100 + 2 = 4,692

3. 76 × 25

   1,400 + 350 + 120 + 30 = 1,900

4. 30 × 34

   900 + 120 = 1,020

5. 763 × 63

   42,000 + 2,100 + 3,600 + 180 + 180 + 9 = 48,069

6. 850 × 25

   16,000 + 4,000 + 1,000 + 250 = 21,250

7. 60 × 15

   600 + 300 = 900

8. 66 × 67

   3,600 + 420 + 360 + 42 = 4,422

9. 681 × 20

   12,000 + 1,600 + 20 = 13,620

10. 24 × 35

    600 + 100 + 120 + 20 = 840

Multiply and Divide Using Place Value - Medium - Answer Key

11. 2470 ÷ 19

19 × 100 = 1,900; 19 × 30 = 570; quotient 130

12. 2002 ÷ 14

14 × 100 = 1,400; 14 × 40 = 560; 14 × 3 = 42; quotient 143

13. 4018 ÷ 41

41 × 90 = 3,690; 41 × 8 = 328; quotient 98

14. 2016 ÷ 18

18 × 100 = 1,800; 18 × 10 = 180; 18 × 2 = 36; quotient 112

15. 3125 ÷ 25

25 × 100 = 2,500; 25 × 20 = 500; 25 × 5 = 125; quotient 125

16. 3072 ÷ 24

24 × 100 = 2,400; 24 × 20 = 480; 24 × 8 = 192; quotient 128

17. 611 ÷ 13

13 × 40 = 520; 13 × 7 = 91; quotient 47

18. 875 ÷ 35

35 × 20 = 700; 35 × 5 = 175; quotient 25

19. 2054 ÷ 13

13 × 100 = 1,300; 13 × 50 = 650; 13 × 8 = 104; quotient 158

20. 1102 ÷ 19

19 × 50 = 950; 19 × 8 = 152; quotient 58