Estimating products

Round to the leading digit. Estimate the product.

3,456 x 6
3,000 x 6 = 18,000

73 x 46
70 x 50 = 3,500

Round to the leading digit. Estimate the sum.

1,908 x 8
_____ x 8 = _____

5 x 6,099
5 x _____ = _____

7 x 1,108
7 x _____ = _____

5,239 x 9
_____ x 9 = _____

81 x 32
_____ x _____ = _____

19 x 62
_____ x _____ = _____

39 x 44
_____ x _____ = _____

94 x 12
_____ x _____ = _____

Estimate the product.

6 x 7,243 _____

4,785 x 4 _____

3 x 8,924 _____

2,785 x 5 _____

6,298 x 4 _____

7 x 7,105 _____

8 x 2,870 _____

4,176 x 7 _____

5 x 4,803 _____

6,777 x 9 _____

6 x 8,022 _____

3,785 x 4 _____

42 x 51 _____

54 x 28 _____

23 x 75 _____

16 x 32 _____

47 x 54 _____

59 x 52 _____

17 x 74 _____

33 x 22 _____

81 x 18 _____

31 x 91 _____

38 x 87 _____

46 x 77 _____

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Estimating products

Round to the leading digit. Estimate the product.

3,456 x 6
3,000 x 6 = 18,000

73 x 46
70 x 50 = 3,500

Round to the leading digit. Estimate the sum.

1,908 x 8
2,000 x 8 = 16,000

5 x 6,099
5 x 6,000 = 30,000

7 x 1,108
7 x 1000 = 7,000

5,239 x 9
5,000 x 9 = 45,000

81 x 32
80 x 30 = 2,400

19 x 62
20 x 60 = 1,200

39 x 44
40 x 40 = 1,600

94 x 12
90 x 10 = 900

Estimate the product.

6 x 7,243	42,000	4,785 x 4	20,000	3 x 8,924	27,000
2,785 x 5	15,000	6,298 x 4	24,000	7 x 7,105	49,000
8 x 2,870	24,000	4,176 x 7	28,000	5 x 4,803	25,000
6,777 x 9	63,000	6 x 8,022	48,000	3,785 x 4	16,000
42 x 51	2,000	54 x 28	1,500	23 x 75	1,600
16 x 32	600	47 x 54	2,500	59 x 52	3,000
17 x 74	1,400	33 x 22	600	81 x 18	1,600
31 x 91	2,700	38 x 87	3,600	46 x 77	4,000

Have children try to estimate the answer mentally. If they have trouble, have
them write the rounded numbers first.