1) Complete the calculation for each set of place value counters.

(1)(1)(1)
(1)(1)(1)
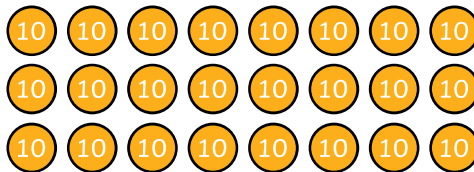
a) ____ × ____ = ____

(10)(10)(10)
(10)(10)(10)

b) ____ × ____ = ____

(1)(1)(1)(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)(1)(1)(1)

c) ____ × ____ = ____

(10)(10)(10)(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)(10)(10)(10)

d) ____ × ____ = ____

(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)

e) ____ × ____ = ____

(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)

f) ____ × ____ = ____

(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)
(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)

g) ____ × ____ = ____

(10)(10)(10)(10)(10)(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)(10)(10)(10)(10)(10)
(10)(10)(10)(10)(10)(10)(10)(10)(10)(10)

h) ____ × ____ = ____

2)
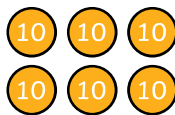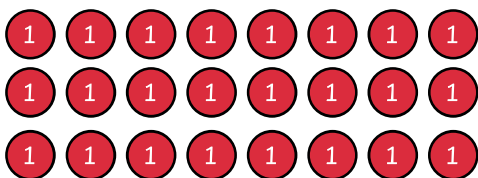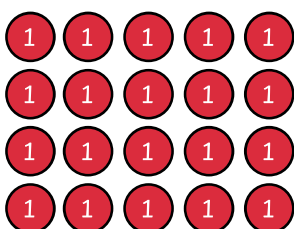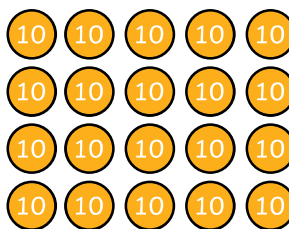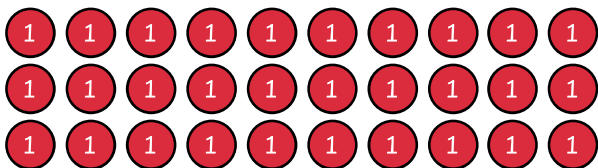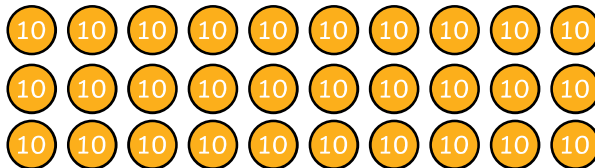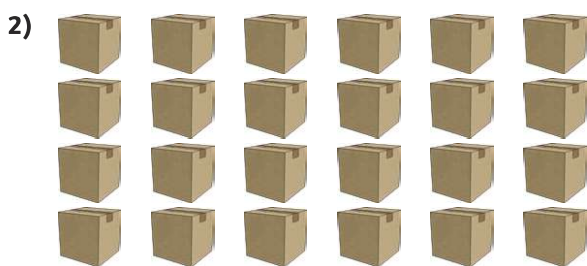
There are _____ columns of _____ boxes.

_____ × _____ = _____

There are _____ boxes altogether.

Each box contains ten tennis balls.

There are _____ columns of _____ balls.

_____ × _____ = _____

There are _____ balls altogether.

3) If we know that 7 × 5 = 35, we know that 70 × 5 = 350. Complete the fact families for each calculation.

7 × 5 = 35	3 × 4 = 12	6 × 8 = 48	64 ÷ 8 = 8
70 × 5 = 350	30 × 4 = _____	_____ × 8 = 480	640 ÷ 8 = _____
5 × 70 = 350	_____ × _____ = _____	_____ × _____ = _____	_____ ÷ _____ = _____
50 × 7 = 350	_____ × _____ = _____	_____ × _____ = _____	_____ × _____ = _____
7 × 50 = 350	_____ × _____ = _____	_____ × _____ = _____	_____ × _____ = _____
350 ÷ 50 = 7	_____ ÷ _____ = _____	_____ ÷ _____ = _____	
350 ÷ 7 = 50	_____ ÷ _____ = _____	_____ ÷ _____ = _____	
350 ÷ 5 = 70	_____ ÷ _____ = _____	_____ ÷ _____ = _____	
350 ÷ 70 = 5	_____ ÷ _____ = _____	_____ ÷ _____ = _____	