1. Find 80 ÷ (– 10).
2. Find 20 ÷ (– 4).
3. Find – 14 ÷ (– 7).
4. Find – 32 ÷ 8.
5. Find – 16 ÷ (– 2).
6. Find 42 ÷ (– 7).
7. Find – 30 ÷ (– 5).
8. Find 55 ÷ 11.
9. Find – 16 ÷ (– 4).
10. Find – 12 ÷ 3.

KEYS

Remember

- The quotient of two integers with different signs is negative.
- The quotient of two integers with the same sign is positive.

1. Find 80 ÷ (– 10).

   80 ÷ (– 10) = The integers have different signs.

   = – 8 The quotient is negative.

2. Find 20 ÷ (– 4).

   20 ÷ (– 4) = The integers have different signs.

   = – 5 The quotient is negative.

3. Find – 14 ÷ (– 7).

   – 14 ÷ (– 7) = The integers have the same sign.

   = 2 The quotient is positive.

4. Find – 32 ÷ 8.

   – 32 ÷ 8 = The integers have different signs.

   = – 4 The quotient is negative.

5. Find – 16 ÷ (– 2).

   – 16 ÷ (– 2) = The integers have the same sign.

   = 8 The quotient is positive.

6. Find 42 ÷ (– 7).

42 ÷ (– 7) = The integers have different signs.

= – 6 The quotient is negative.

7. Find – 30 ÷ (– 5).

– 30 ÷ (– 5) = The integers have the same sign.

= 6 The quotient is positive.

8. Find 55 ÷ 11.

55 ÷ 11 = The integers have the same sign.

= 5 The quotient is positive.

9. Find – 16 ÷ (– 4).

– 16 ÷ (– 4) = The integers have the same sign.

= 4 The quotient is positive.

10. Find – 12 ÷ 3.

– 12 ÷ 3 = The integers have different signs.

= – 4 The quotient is negative.