1.   p + 5 = 9. What is p?

   p + 5 − 5 = 9 - 5
   p = 4

2.   2p − 4 = 10. What is p?

   2p − 4 + 4 = 10 + 4
   2p = 14
   p = 7

3.   q − 4 = 6.5. What is q?

   q − 4 + 4 = 6.5 + 4
   q = 10.5

4.   4q + 13 = 31. What is q?

   4q + 13 − 13 = 31 - 13
   4q = 18
   q = 4.5

5.   p x 8 = 32. What is p?

   p x 8 / 8 = 32 / 8
   p=4

6.   3p / 5 = 6. What is p?

   (3p / 5) x 5 = 6 x 5
   3p = 30
   p = 10

7.   q / 6 = 7.5. What is q?

   (q / 6) x 6 = 7.5 x 6
   q = 45

8.   6q x 7 = 21. What is q?

   (6q x 7) / 7 = 21 / 7
   6q = 3
   q = 0.5

How did you do? If you didn't do well, watch the following videos and try again!

- What is an Equation?
- Equation Practice Problems