

Chapter 2 Review Answers

1. $n = \frac{-5}{2}$

2. $p = \frac{27}{16}$

3. $n = \frac{-1}{17}$

4. $x = \frac{-1}{11}$

5. 15 defective transistors

6. 42 minutes

7. 50000 km

8. 18.75 inches

9. 200 panels

10. 15 ft

11. $\angle A \cong \angle W$

$\angle D \cong \angle Z$

$\angle C \cong \angle B$

$\angle B \cong \angle X$

$$\frac{AD}{WZ} = \frac{DC}{ZY} = \frac{CB}{YX} = \frac{AB}{WX}$$

12. $x = \frac{25}{2}$ cm, $y = 20$ cm

13. $x = 16.8$ in

14. $n = 16$ cm

15. $x = 10$ in, $y = 9.6$ in

16. answers may vary