Questions On

Direct Proportion 2

1. $y \propto x^2$. When $y = 48$, $x^2 = 16$.
Find y when $x^2 = 49$

2. $y \propto x^2$. When $y = 16$, $x^2 = 4$.
Find y when $x^2 = 25$

3. $y \propto x^2$. When $y = 242$, $x^2 = 121$.
Find y when $x^2 = 196$

4. $y \propto x^2$. When $y = 320$, $x^2 = 64$.
Find y when $x = 11$

5. $y \propto x^2$. When $y = 1.6$, $x^2 = 16$.
Find y when $x = 7$

6. $y \propto x^2$. When $y = 2$, $x = 2$.
Find x when $y = 12.5$

7. $y \propto x^2$. When $y = 28.8$, $x = 12$.
Find x when $y = 9.8$

8. $y \propto x^2$. When $y = 0.625$, $x = 0.5$.
Find x when $y = 5.625$

9. $y \propto x^2$. When $y = 0.01$, $x = 0.2$.
Find x when $y = 1.21$

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