

Student Worksheet 6: Student worksheet for calculating the time it takes Eli Manning to throw the football

Name: _____

$$\text{Distance} = (\text{Rate}) \times (\text{Time})$$

$$\text{Rate} = \text{Distance} \div \text{Time}$$

Eli Manning has been timed to throw the ball 20 yards in 1.2 seconds.

$$\text{Rate Eli Manning throws the ball} = \frac{\text{_____}}{\text{_____}} = \text{_____ (yards/second)}$$

$$\text{Distance Football travels (Step 3 Answer)} = \text{_____ yards}$$

Time the ball is in the air when Eli Manning throws the ball to Plaxico Burrese

$$\begin{aligned} &= \frac{\text{_____}}{\text{_____}} = \\ &= \text{_____ sec} \end{aligned}$$