

Name _____

The Cross-Country Race Challenge (Distance) Answer Key

1. $x + 4 = 12 \rightarrow x = 8$ km

2. $3 \times 2 = 6$ km

3. $6x = 24 \rightarrow x = 4$ km per runner

4. $15 + 8 = 23$ km

5. $20 \div 4 = 5$ km each

6. $x + 9 = 21 \rightarrow x = 12$ km

7. $5 \times 1.8 = 9$ km total

8. $30 - 6 = 24$ km run

9. $x + 10 = 22 \rightarrow x = 12$ km

10. $x + 3x = 36 \rightarrow 4x = 36 \rightarrow x = 9$ km (slowest), 27 km (fastest)