

Q1. In a right angled triangle ABC, right angled at $\angle ABC$, if $\angle CAB$ measures 34° , what is the measure of angle $\angle BCA$?

- A. 56°
- B. 68°
- C. 49°
- D. 64°

Q2. If a line segment $XY = 110$ cm is bisected at Z, then length(cm) of $YZ =$ _____.

- A. 55
- B. 39
- C. 44
- D. 67

Q3. In a right angled triangle PQR, right angled at $\angle PQR$, if $\angle RPQ$ measures 43° , what is the measure of angle $\angle QRP$?

- A. 53°
- B. 47°
- C. 41°
- D. 52°

Q4. If a line segment $XY = 160$ cm is bisected at Z, then length(cm) of $YZ =$ _____.

- A. 82
- B. 63
- C. 80
- D. 76

Q5. In a right angled triangle ABC, right angled at $\angle ABC$, if $\angle CAB$ measures 26° , what is the measure of angle $\angle BCA$?

- A. 64°
- B. 58°
- C. 73°
- D. 51°

Q6. If a line segment $XY = 138$ cm is bisected at Z, then length(cm) of $XZ = \underline{\hspace{2cm}}$.

- A. 78
- B. 73
- C. 54
- D. 69

Q7. In a triangle PQR, if angles $\angle QRP$ and $\angle RPQ$ measure 33° and 33° , respectively, what is the measure of angle $\angle PQR$?

- A. 49°
- B. 100°
- C. 122°
- D. 114°

Q8. If a line segment XY is trisected, what is the length (in centimeters) of any two segments if the total length of XY is

219 cm?

- A. 146
- B. 167
- C. 165
- D. 139

Q9. If a line segment $XY = 112$ cm is bisected at Z, then length(cm) of $XZ =$ _____.

- A. 54
- B. 45
- C. 56
- D. 49

Q10. If a line segment $XY = 126$ cm is bisected at Z, then length(cm) of $XZ =$ _____.

- A. 83
- B. 63
- C. 64
- D. 75

Answer Sheet

Q1. A	Q2. A	Q3. B
Q4. C	Q5. A	Q6. D
Q7. D	Q8. A	Q9. C
Q10. B		

WONDERKIDS