# PERIMETER OF TRIANGLES

Name _____

Score _____

PT:14

XYZ are the vertices of a triangle. The lengths of the sides XY, YZ and ZX are given. Calculate the perimeter to complete the table.

| Q. No | XY | YZ | ZX | Perimeter of XYZ |
|---|---|---|---|---|
| 1) | $\frac{9}{10}$ in | $\frac{9}{10}$ in | $\frac{9}{10}$ in | |
| 2) | $\frac{3}{2}$ ft | $\frac{5}{4}$ ft | $\frac{9}{8}$ ft | |
| 3) | $\frac{11}{12}$ yd | $\frac{5}{6}$ yd | $\frac{2}{3}$ yd | |
| 4) | $\frac{2}{9}$ ft | $\frac{2}{9}$ ft | $\frac{2}{9}$ ft | |
| 5) | $\frac{7}{8}$ yd | $\frac{9}{4}$ yd | $\frac{9}{4}$ yd | |
| 6) | $2\frac{4}{15}$ in | $1\frac{4}{5}$ in | $2\frac{4}{15}$ in | |

# PERIMETER OF TRIANGLES

Name _____

Score _____

**Answer key**

PT:14

XYZ are the vertices of a triangle. The lengths of the sides XY, YZ and ZX are given. Calculate the perimeter to complete the table.

| Q. No | XY | YZ | ZX | Perimeter of XYZ |
|---|---|---|---|---|
| 1) | $\frac{9}{10}$ in | $\frac{9}{10}$ in | $\frac{9}{10}$ in | **$\frac{27}{10}$ or $2\frac{7}{10}$ in** |
| 2) | $\frac{3}{2}$ ft | $\frac{5}{4}$ ft | $\frac{9}{8}$ ft | **$\frac{31}{8}$ or $3\frac{7}{8}$ ft** |
| 3) | $\frac{11}{12}$ yd | $\frac{5}{6}$ yd | $\frac{2}{3}$ yd | **$\frac{29}{12}$ or $2\frac{5}{12}$ yd** |
| 4) | $\frac{2}{9}$ ft | $\frac{2}{9}$ ft | $\frac{2}{9}$ ft | **$\frac{2}{3}$ ft** |
| 5) | $\frac{7}{8}$ yd | $\frac{9}{4}$ yd | $\frac{9}{4}$ yd | **$\frac{43}{8}$ or $5\frac{3}{8}$ yd** |
| 6) | $2\frac{4}{15}$ in | $1\frac{4}{5}$ in | $2\frac{4}{15}$ in | **$\frac{95}{15}$ or $6\frac{1}{3}$ in** |