

# Triangles & Setting Triangles Calculator

Finished Size	Cut for HST	Cut for QST	Cut for Setting Corners HST	Cut for Setting Sides QST	Diagonal	Finished Size	Cut for HST	Cut for QST	Cut for Setting Corners HST	Cut for Setting Sides QST	Diagonal
1"	1 <sup>7</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>4</sub> "	1 <sup>5</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "	1 <sup>3</sup> / <sub>8</sub> "	10"	10 <sup>7</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>4</sub> "	8"	15 <sup>1</sup> / <sub>2</sub> "	14 <sup>1</sup> / <sub>8</sub> "
1 <sup>1</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>2</sub> "	1 <sup>3</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>8</sub> "	1 <sup>3</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>4</sub> "	11 <sup>1</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>8</sub> "	15 <sup>3</sup> / <sub>4</sub> "	14 <sup>1</sup> / <sub>2</sub> "
1 <sup>1</sup> / <sub>2</sub> "	2 <sup>3</sup> / <sub>8</sub> "	2 <sup>3</sup> / <sub>4</sub> "	2"	3 <sup>3</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>2</sub> "	11 <sup>3</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>4</sub> "	8 <sup>3</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>8</sub> "	14 <sup>7</sup> / <sub>8</sub> "
1 <sup>3</sup> / <sub>4</sub> "	2 <sup>5</sup> / <sub>8</sub> "	3"	2 <sup>1</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	10 <sup>3</sup> / <sub>4</sub> "	11 <sup>5</sup> / <sub>8</sub> "	12"	8 <sup>1</sup> / <sub>2</sub> "	16 <sup>1</sup> / <sub>2</sub> "	15 <sup>1</sup> / <sub>4</sub> "
2"	2 <sup>7</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>8</sub> "	4 <sup>1</sup> / <sub>8</sub> "	2 <sup>7</sup> / <sub>8</sub> "	11"	11 <sup>7</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>4</sub> "	8 <sup>3</sup> / <sub>4</sub> "	16 <sup>7</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>2</sub> "
2 <sup>1</sup> / <sub>4</sub> "	3 <sup>1</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	2 <sup>1</sup> / <sub>2</sub> "	4 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>2</sub> "	8 <sup>7</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>4</sub> "	15 <sup>7</sup> / <sub>8</sub> "
2 <sup>1</sup> / <sub>2</sub> "	3 <sup>3</sup> / <sub>8</sub> "	3 <sup>3</sup> / <sub>4</sub> "	2 <sup>3</sup> / <sub>4</sub> "	4 <sup>7</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>2</sub> "	11 <sup>1</sup> / <sub>2</sub> "	12 <sup>3</sup> / <sub>8</sub> "	12 <sup>3</sup> / <sub>4</sub> "	9 <sup>1</sup> / <sub>8</sub> "	17 <sup>5</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>4</sub> "
2 <sup>3</sup> / <sub>4</sub> "	3 <sup>5</sup> / <sub>8</sub> "	4"	2 <sup>7</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	3 <sup>7</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>4</sub> "	12 <sup>5</sup> / <sub>8</sub> "	13"	9 <sup>1</sup> / <sub>4</sub> "	17 <sup>7</sup> / <sub>8</sub> "	16 <sup>5</sup> / <sub>8</sub> "
3"	3 <sup>7</sup> / <sub>8</sub> "	4 <sup>1</sup> / <sub>4</sub> "	3"	5 <sup>1</sup> / <sub>2</sub> "	4 <sup>1</sup> / <sub>4</sub> "	12"	12 <sup>7</sup> / <sub>8</sub> "	13 <sup>1</sup> / <sub>4</sub> "	9 <sup>3</sup> / <sub>8</sub> "	18 <sup>1</sup> / <sub>4</sub> "	17"
3 <sup>1</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>8</sub> "	4 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>4</sub> "	5 <sup>7</sup> / <sub>8</sub> "	4 <sup>5</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>4</sub> "	13 <sup>1</sup> / <sub>8</sub> "	13 <sup>1</sup> / <sub>2</sub> "	9 <sup>5</sup> / <sub>8</sub> "	18 <sup>5</sup> / <sub>8</sub> "	17 <sup>3</sup> / <sub>8</sub> "
3 <sup>1</sup> / <sub>2</sub> "	4 <sup>3</sup> / <sub>8</sub> "	4 <sup>3</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>4</sub> "	5"	12 <sup>1</sup> / <sub>2</sub> "	13 <sup>3</sup> / <sub>8</sub> "	13 <sup>3</sup> / <sub>4</sub> "	9 <sup>3</sup> / <sub>4</sub> "	19"	17 <sup>5</sup> / <sub>8</sub> "
3 <sup>3</sup> / <sub>4</sub> "	4 <sup>5</sup> / <sub>8</sub> "	5"	3 <sup>5</sup> / <sub>8</sub> "	6 <sup>5</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	12 <sup>3</sup> / <sub>4</sub> "	13 <sup>5</sup> / <sub>8</sub> "	14"	10"	19 <sup>3</sup> / <sub>8</sub> "	18"
4"	4 <sup>7</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>4</sub> "	3 <sup>3</sup> / <sub>4</sub> "	7"	5 <sup>5</sup> / <sub>8</sub> "	13"	13 <sup>7</sup> / <sub>8</sub> "	14 <sup>1</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>8</sub> "	19 <sup>3</sup> / <sub>4</sub> "	18 <sup>3</sup> / <sub>8</sub> "
4 <sup>1</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "	5 <sup>1</sup> / <sub>2</sub> "	4"	7 <sup>3</sup> / <sub>8</sub> "	6"	13 <sup>1</sup> / <sub>4</sub> "	14 <sup>1</sup> / <sub>8</sub> "	14 <sup>1</sup> / <sub>2</sub> "	10 <sup>1</sup> / <sub>4</sub> "	20"	18 <sup>3</sup> / <sub>4</sub> "
4 <sup>1</sup> / <sub>2</sub> "	5 <sup>3</sup> / <sub>8</sub> "	5 <sup>3</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>8</sub> "	7 <sup>5</sup> / <sub>8</sub> "	6 <sup>3</sup> / <sub>8</sub> "	13 <sup>1</sup> / <sub>2</sub> "	14 <sup>3</sup> / <sub>8</sub> "	14 <sup>3</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>2</sub> "	20 <sup>3</sup> / <sub>8</sub> "	19 <sup>1</sup> / <sub>8</sub> "
4 <sup>3</sup> / <sub>4</sub> "	5 <sup>5</sup> / <sub>8</sub> "	6"	4 <sup>1</sup> / <sub>4</sub> "	8"	6 <sup>3</sup> / <sub>4</sub> "	13 <sup>3</sup> / <sub>4</sub> "	14 <sup>5</sup> / <sub>8</sub> "	15"	10 <sup>5</sup> / <sub>8</sub> "	20 <sup>3</sup> / <sub>4</sub> "	19 <sup>1</sup> / <sub>2</sub> "
5"	5 <sup>7</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>2</sub> "	8 <sup>3</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>8</sub> "	14"	14 <sup>7</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>4</sub> "	10 <sup>7</sup> / <sub>8</sub> "	21 <sup>1</sup> / <sub>8</sub> "	19 <sup>7</sup> / <sub>8</sub> "
5 <sup>1</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>8</sub> "	6 <sup>1</sup> / <sub>2</sub> "	4 <sup>5</sup> / <sub>8</sub> "	8 <sup>3</sup> / <sub>4</sub> "	7 <sup>3</sup> / <sub>8</sub> "	14 <sup>1</sup> / <sub>4</sub> "	15 <sup>1</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>2</sub> "	11"	21 <sup>1</sup> / <sub>2</sub> "	20 <sup>1</sup> / <sub>8</sub> "
5 <sup>1</sup> / <sub>2</sub> "	6 <sup>3</sup> / <sub>8</sub> "	6 <sup>3</sup> / <sub>4</sub> "	4 <sup>7</sup> / <sub>8</sub> "	9 <sup>3</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>4</sub> "	14 <sup>1</sup> / <sub>2</sub> "	15 <sup>3</sup> / <sub>8</sub> "	15 <sup>3</sup> / <sub>4</sub> "	11 <sup>1</sup> / <sub>4</sub> "	21 <sup>7</sup> / <sub>8</sub> "	20 <sup>1</sup> / <sub>2</sub> "
5 <sup>3</sup> / <sub>4</sub> "	6 <sup>5</sup> / <sub>8</sub> "	7"	5"	9 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>8</sub> "	14 <sup>3</sup> / <sub>4</sub> "	15 <sup>5</sup> / <sub>8</sub> "	16"	11 <sup>3</sup> / <sub>8</sub> "	22 <sup>1</sup> / <sub>8</sub> "	20 <sup>7</sup> / <sub>8</sub> "
6"	6 <sup>7</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "	9 <sup>3</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>2</sub> "	15"	15 <sup>7</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>4</sub> "	11 <sup>1</sup> / <sub>2</sub> "	22 <sup>1</sup> / <sub>2</sub> "	21 <sup>1</sup> / <sub>4</sub> "
6 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>8</sub> "	7 <sup>1</sup> / <sub>2</sub> "	5 <sup>3</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>4</sub> "	16 <sup>1</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>2</sub> "	11 <sup>3</sup> / <sub>4</sub> "	22 <sup>7</sup> / <sub>8</sub> "	21 <sup>5</sup> / <sub>8</sub> "
6 <sup>1</sup> / <sub>2</sub> "	7 <sup>3</sup> / <sub>8</sub> "	7 <sup>3</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>2</sub> "	10 <sup>1</sup> / <sub>2</sub> "	9 <sup>1</sup> / <sub>4</sub> "	15 <sup>1</sup> / <sub>2</sub> "	16 <sup>3</sup> / <sub>8</sub> "	16 <sup>3</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>8</sub> "	23 <sup>1</sup> / <sub>4</sub> "	22"
6 <sup>3</sup> / <sub>4</sub> "	7 <sup>5</sup> / <sub>8</sub> "	8"	5 <sup>3</sup> / <sub>4</sub> "	10 <sup>7</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>2</sub> "	15 <sup>3</sup> / <sub>4</sub> "	16 <sup>5</sup> / <sub>8</sub> "	17"	12 <sup>1</sup> / <sub>8</sub> "	23 <sup>5</sup> / <sub>8</sub> "	22 <sup>1</sup> / <sub>4</sub> "
7"	7 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	5 <sup>7</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>4</sub> "	9 <sup>7</sup> / <sub>8</sub> "	16"	16 <sup>7</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>4</sub> "	23 <sup>7</sup> / <sub>8</sub> "	22 <sup>5</sup> / <sub>8</sub> "
7 <sup>1</sup> / <sub>4</sub> "	8 <sup>1</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>2</sub> "	6 <sup>1</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>2</sub> "	10 <sup>1</sup> / <sub>4</sub> "	16 <sup>1</sup> / <sub>4</sub> "	17 <sup>1</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>2</sub> "	12 <sup>3</sup> / <sub>8</sub> "	24 <sup>1</sup> / <sub>4</sub> "	23"
7 <sup>1</sup> / <sub>2</sub> "	8 <sup>3</sup> / <sub>8</sub> "	8 <sup>3</sup> / <sub>4</sub> "	6 <sup>1</sup> / <sub>4</sub> "	11 <sup>7</sup> / <sub>8</sub> "	10 <sup>5</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>2</sub> "	17 <sup>3</sup> / <sub>8</sub> "	17 <sup>3</sup> / <sub>4</sub> "	12 <sup>5</sup> / <sub>8</sub> "	24 <sup>5</sup> / <sub>8</sub> "	23 <sup>3</sup> / <sub>8</sub> "
7 <sup>3</sup> / <sub>4</sub> "	8 <sup>5</sup> / <sub>8</sub> "	9"	6 <sup>3</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>4</sub> "	11"	16 <sup>3</sup> / <sub>4</sub> "	17 <sup>5</sup> / <sub>8</sub> "	18"	12 <sup>3</sup> / <sub>4</sub> "	25"	23 <sup>3</sup> / <sub>4</sub> "
8"	8 <sup>7</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>4</sub> "	6 <sup>5</sup> / <sub>8</sub> "	12 <sup>5</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>8</sub> "	17"	17 <sup>7</sup> / <sub>8</sub> "	18 <sup>1</sup> / <sub>4</sub> "	13"	25 <sup>3</sup> / <sub>8</sub> "	24 <sup>1</sup> / <sub>8</sub> "
8 <sup>1</sup> / <sub>4</sub> "	9 <sup>1</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>2</sub> "	6 <sup>3</sup> / <sub>4</sub> "	13"	11 <sup>5</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>4</sub> "	18 <sup>1</sup> / <sub>8</sub> "	18 <sup>1</sup> / <sub>2</sub> "	13 <sup>1</sup> / <sub>8</sub> "	25 <sup>3</sup> / <sub>4</sub> "	24 <sup>1</sup> / <sub>2</sub> "
8 <sup>1</sup> / <sub>2</sub> "	9 <sup>3</sup> / <sub>8</sub> "	9 <sup>3</sup> / <sub>4</sub> "	7"	13 <sup>3</sup> / <sub>8</sub> "	12"	17 <sup>1</sup> / <sub>2</sub> "	18 <sup>3</sup> / <sub>8</sub> "	18 <sup>3</sup> / <sub>4</sub> "	13 <sup>3</sup> / <sub>8</sub> "	26"	24 <sup>7</sup> / <sub>8</sub> "
8 <sup>3</sup> / <sub>4</sub> "	9 <sup>5</sup> / <sub>8</sub> "	10"	7 <sup>1</sup> / <sub>8</sub> "	13 <sup>5</sup> / <sub>8</sub> "	12 <sup>3</sup> / <sub>8</sub> "	17 <sup>3</sup> / <sub>4</sub> "	18 <sup>5</sup> / <sub>8</sub> "	19"	13 <sup>1</sup> / <sub>2</sub> "	26 <sup>3</sup> / <sub>8</sub> "	25 <sup>1</sup> / <sub>8</sub> "
9"	9 <sup>7</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>4</sub> "	14"	12 <sup>3</sup> / <sub>4</sub> "	18"	18 <sup>7</sup> / <sub>8</sub> "	19 <sup>1</sup> / <sub>4</sub> "	13 <sup>5</sup> / <sub>8</sub> "	26 <sup>3</sup> / <sub>4</sub> "	25 <sup>1</sup> / <sub>2</sub> "
9 <sup>1</sup> / <sub>4</sub> "	10 <sup>1</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>2</sub> "	7 <sup>1</sup> / <sub>2</sub> "	14 <sup>3</sup> / <sub>8</sub> "	13 <sup>1</sup> / <sub>8</sub> "	Formulas	+ 7 <sup>8</sup> "	+ 1 <sup>4</sup> "	÷1.414 +.875=	×1.414 +1.25=	
9 <sup>1</sup> / <sub>2</sub> "	10 <sup>3</sup> / <sub>8</sub> "	10 <sup>3</sup> / <sub>4</sub> "	7 <sup>5</sup> / <sub>8</sub> "	14 <sup>3</sup> / <sub>4</sub> "	13 <sup>3</sup> / <sub>8</sub> "						
9 <sup>3</sup> / <sub>4</sub> "	10 <sup>5</sup> / <sub>8</sub> "	11"	7 <sup>7</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>8</sub> "	13 <sup>3</sup> / <sub>4</sub> "						

= Round up to the nearest 1/8"