

Directions: Begin in cell #1. To advance in the circuit, find your answer and write 2 in the blank. Continue in this manner until you complete the circuit.

Answer: $-\frac{\sqrt{3}}{3}$ 1. $\sin 30^\circ$	Answer: $-\sqrt{3}$ # <u>14</u> $\sec \frac{\pi}{6}$
Answer: 2 # <u>16</u> $\sec 210^\circ$	Answer: 1 # <u>4</u> $\cot 90^\circ$
Answer: $-\frac{\sqrt{3}}{2}$ # <u>10</u> $\sec 225^\circ$	Answer: $-\frac{2\sqrt{3}}{3}$ # <u>17</u> $\sec 120^\circ$
Answer: $-\frac{\sqrt{2}}{2}$ # <u>6</u> $\cos(-45^\circ)$	Answer: $\frac{1}{2}$ # <u>2</u> $\cos 120^\circ$
Answer: $\frac{2\sqrt{3}}{3}$ # <u>15</u> $\csc 150^\circ$	Answer: $\frac{\sqrt{3}}{3}$ # <u>13</u> $\cot \frac{5\pi}{6}$
Answer: $-\frac{1}{2}$ # <u>3</u> $\tan 45^\circ$	Answer: $-\sqrt{2}$ # <u>11</u> $\csc 135^\circ$
Answer: -1 # <u>8</u> $\sin 60^\circ$	Answer: $\frac{\sqrt{2}}{2}$ # <u>7</u> $\cot 315^\circ$
Answer: $\sqrt{2}$ # <u>12</u> $\tan \frac{\pi}{6}$	Answer: $\sqrt{3}$ # <u>20</u> $\cot\left(-\frac{4\pi}{3}\right)$
Answer: 0 # <u>5</u> $\cos 135^\circ$	Answer: -2 # <u>18</u> $\tan \frac{3\pi}{2}$
Answer: undefined # <u>19</u> $\tan \frac{4\pi}{3}$	Answer: $\frac{\sqrt{3}}{2}$ # <u>9</u> $\cos 150^\circ$