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$$1. \frac{\sqrt{180} \cdot \sqrt{360}}{\sqrt{80}} = \sqrt{\frac{180 \cdot 360}{80}} =$$

$$= \sqrt{\frac{9 \cdot 360}{4}} = \sqrt{9 \cdot 90} = 9\sqrt{10};$$

$$= 2\sqrt{3} \cdot \sqrt{2 \cdot 3} \cdot 8\sqrt{2} = 16\sqrt{3 \cdot 2 \cdot 3 \cdot 2} =$$

$$= 16 \cdot 3 \cdot 2 = 96;$$

$$= 8\sqrt{3} \cdot \sqrt{2} \cdot 2 \cdot \sqrt{2} \cdot \sqrt{3} = 16 \cdot 6 = 96;$$

$$2. \sqrt{121} = 11$$

$$\sqrt{0,36} = 0,6$$

$$\sqrt{7 \frac{3}{17}} = \sqrt{\frac{127}{17}} = \frac{\sqrt{127 \cdot 17}}{17} = \frac{\sqrt{2159}}{17}$$

$$\sqrt{2116} < \sqrt{2159} < \sqrt{2209}$$

$$46 < \sqrt{2159} < 47$$

$$\frac{46}{17} < \frac{\sqrt{2159}}{17} < \frac{47}{17}$$