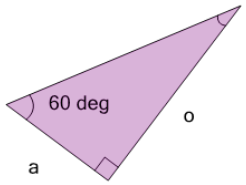
Name

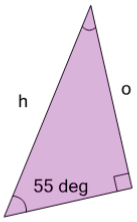
Trigonometry - Approximating Ratios in Decimal from Diagrams

1 Visually approximate the ratio of side 'o' to side 'a'



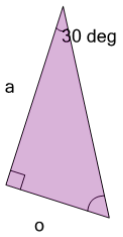
A $\frac{o}{a} = 1.73$	B $\frac{o}{h} = 281.49$
C $\frac{o}{a} = 0.93$	D $\frac{o}{a} = 2.54$
E $\frac{o}{a} = 2.31$	F $\frac{h}{o} = 280.00$

2 Visually approximate the ratio of side 'o' to side 'h'



A $\frac{o}{h} = 1.08$	B $\frac{a}{h} = 28.58$
C $\frac{o}{h} = 0.81$	D $\frac{o}{h} = 0.54$
E $\frac{o}{h} = 0.45$	F $\frac{o}{h} = 1.13$

3



Visually approximate the ratio of side 'o' to side 'a'

A $\frac{o}{a} = 0.57$	B $\frac{o}{a} = 0.79$
C $\frac{a}{h} = 11.19$	D $\frac{o}{a} = 0.84$
E $\frac{a}{a} = 1.00$	F $\frac{o}{a} = 0.88$

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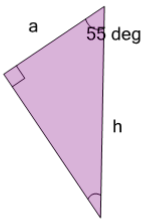

Visually approximate the ratio of side 'a' to side 'h'

A $\frac{a}{h} = 0.57$	B $\frac{a}{h} = 0.26$
C $\frac{a}{h} = 0.89$	D $\frac{a}{h} = 0.80$
E $\frac{h}{o} = 2.03$	F $\frac{a}{h} = 0.30$

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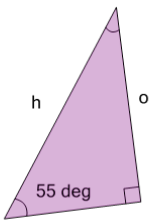

Visually approximate the ratio of side 'o' to side 'h'

A $\frac{o}{o} = 73.96$	B $\frac{o}{h} = 1.13$
C $\frac{o}{h} = 1.09$	D $\frac{o}{h} = 0.46$
E $\frac{o}{h} = 0.82$	F $\frac{o}{h} = 1.04$

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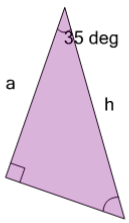
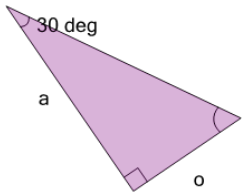


Visually approximate the ratio of side 'a' to side 'h'

A $\frac{a}{h} = 1.14$	B $\frac{o}{o} = 1.32$
C $\frac{a}{h} = 0.55$	D $\frac{a}{h} = 0.51$
E $\frac{a}{h} = 0.82$	F $\frac{a}{h} = 0.46$

7 Visually approximate the ratio of side 'o' to side 'a'



A $\frac{o}{h} = 0.19$	B $\frac{a}{a} = 121.81$
C $\frac{o}{a} = 0.90$	D $\frac{o}{a} = 69.71$
E $\frac{o}{a} = 0.58$	F $\frac{h}{a} = 1.15$

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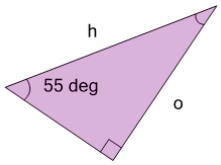

Visually approximate the ratio of side 'o' to side 'h'

A $\frac{o}{h} = 90.30$	B $\frac{o}{h} = 0.50$
C $\frac{h}{a} = 62.08$	D $\frac{o}{h} = 0.55$
E $\frac{o}{h} = 0.82$	F $\frac{o}{h} = 1.13$