

Activity 6 answers

Least demand to greatest demand

Letter	Comment
E	Straightforward application of $a^2 + b^2 = c^2$
B	Harder application of $a^2 + b^2 = c^2$ but diagram in a 'nice' orientation
F	The diagram helps them to see it's Pythagoras
A	Harder application of $a^2 + b^2 = c^2$ and diagram in not in a 'nice' orientation
D	They have to draw the shape, see it's a right-angled triangle and use Pythagoras correctly
C	No diagram, no clue it's Pythagoras
G	Multistep
H	Above grade 9? It requires deciding on the number of solution of $ab = 60$ and $a + b + \sqrt{a^2 + b^2} = 60$