



EASY CALC

$$\sqrt{\frac{1008}{847}}$$

Can you find the easy way to calculate this square root without doing any long division?

HELP

Try simpler questions first.

What is the square root of $9/16$? What are the square roots of $18/50$ and $36/25$.

If you can find these square roots can you find the square root of $1008/847$ in a similar way?

NEXT

When you find the answer, write it as a fraction and as a decimal. What do you notice about the decimal? Why does this pattern occur?

Make up a similar calculation and exchange the 'Easy Calc' you have created with a partner.