Here is Gemma and Flo's work:

$$47 \div 20 = 2.35$$
$$47 \div 15 = 3.1333333$$
$$47 \div 17 = 2.7042058$$
$$46 \div 17 = 2.7058823$$
$$45 \div 17 = 2.6470588$$
$$42 \div 17 = 2.4705882$$
$$42 \div 15 = 2.8$$
$$42 \div 16 = 2.6015$$

$$40 \div 16 = 2.5$$
$$41 \div 16 = 2.5625$$
$$47 \div 16 = 2.4375$$
$$40 \div 14 = 2.8571425$$
$$39 \div 12 = 3.25$$
$$39 \div 13 = 3$$
$$39 \div 11 = 3.5454545$$
$$39 \div 15 = 2.6$$
$$38 \div 12 = 3.1666666$$
$$38 \div 13 = 2.9236769$$
$$37 \div 11 = 3.3636363$$
$$37 \div 12 = 3.0833333$$

$$37 \div 10 = 3.7$$
$$37 \div 11 = 3.3636363$$
$$37 \div 10.5 = 3.8947368$$
$$36 \div 12 = 3.0$$

$$36.5 \div 10 = 3.65$$
$$35.5 \div 10 = 3.55$$
$$35 \div 4 = 8.75$$

Richard wrote the following:

3.125 × numbers 1 up

He explained:
" I multiplied 3.125 by 1, then I tried multiplying 3.125 by 2, then I multiplied 3.125 by 3 … "

Here is the start of Thomas' work:

" I first looked at the number 0.125 and worked out what

fraction of 1 it is. It turned out that it was an eighth."

Can you take each of these starting ideas and develop it into a solution?