



Training Game Expressions

Below are expressions which will evaluate to each of the targets in the [Targets](#) list using the values in the [NumbersAllowed](#) list.

Most are not usable given the limitations of the pre-release base code, but they will give your students ideas for developing their own solutions to test:

$$68 = 512/8+2+2$$

$$23 = (8+2) * 2 + 3$$

$$34 = 512/8/2+2$$

$$119 = 512/8*2-3^2$$

$$9 = 3-2+8$$

$$140 = (512/2+8*3) / 2$$

$$82 = ((512-8) / 3) / 2 - 2$$

$$121 = ((512/8) - 2) * 2 - 3$$

$$75 = 512/8+3^2+2$$

$$45 = (8-3) * \log_2 512$$

$$43 = (\text{Concatenate } 2 \text{ and } \log_8 512) * 2 - 3$$