

Consolidating order of operations

Independent Task

Mathematics

Miss Jones



Detective Bracket

You have been assigned a special task.

You will encounter a series of questions. Some have been answered correctly, some have not. Your mission, should you wish to accept, is to go through the questions and sniff out the errors. Where there are errors, your job is to fix them by putting in brackets to make the answer correct.

Best of Luck,



Which equations are incorrect? How do you know?
Add brackets to make them correct.

$14 - 6 \div 2 \times 3 = 5$	$8 \times 6 - 2 + 3 = 35$	$8 + 10 \div 2 + 1 = 6$
$24 + 9 \div 3 + 2 = 13$	$16 \div 2 - 1 \times 4 = 4$	$34 - 6 + 7 \times 3 = 95$
$32 - 24 \div 8 + 1 = 30$	$12 \times 3 + 4 - 1 = 83$	$9 + 3 \times 4 + 17 = 38$



Challenge

For this problem, decide if the calculation will provide a correct solution to the problem or whether it requires brackets to ensure the correct order of operations described in the problem.

A recipe suggested to allow 250g of meat per person. Roasting the meat takes 25 minutes per 500g and an additional 20 minutes. How long will it take to roast meat for six people?

$$6 \times 250 \div 500 \times 25 + 20$$

