WS 92

3) Show all work to evaluate

a) $7 + (-1) \times (-3)$

b) $(-18) \div (-6) - (-4)$

c) $6 + (-4) - (-2)$

d) $(-2)[7 + (-5)]$

e) $(-3) \times (-4) \div (-1)$

f) $8 - 3 + (-4) \div (-1)$

5. Elijah evaluated this expression as shown.

$$\begin{aligned} 3 - (-5) + 8(-4) &= 3 - (-5) + (-32) \\ &= 3 - (-37) \\ &= 40 \end{aligned}$$

Is Elijah's solution correct? If your answer is yes, explain the steps Elijah took. If your answer is no, what error did Elijah make? What is the correct answer? Show your work.

6. a) Evaluate.

i) $12 \div (2 \times 3) - 2$

ii) $12 \div 2 \times (3 - 2)$

b) Why are the answers different? Explain.

7. Evaluate. State which operation you do first.

a) $7(4) - 5$

b) $6[2 + (-5)]$

c) $(-3) + 4(7)$

d) $(-6) + 4(-2)$

e) $15 \div [10 \div (-2)]$

f) $18 \div 2(-6)$