Order of Operations

Use the order of operations to evaluate the expressions. Show your work!!!

1) $3 \cdot 8 + 7$

$24 + 7$

$\boxed{31}$

2) $7 + 3 \cdot 8$

$7 + 24$

$\boxed{31}$

3) $3 + 8 \cdot 7$

$3 + 56$

$\boxed{59}$

4) $6 \cdot 2 + 11 \cdot 1$

$12 + 11 \cdot 1$

$12 + 11$

$\boxed{23}$

5) $4 \cdot 9 + 3 \cdot 2$

$36 + 3 \cdot 2$

$36 + 6$

$\boxed{42}$

6) $16 \div 4 - 24 \div 12$

$4 - 24 \div 12$

$4 - 2$

$\boxed{2}$

7) $6 \cdot 5 - 18 \div 3$

$30 - 18 \div 3$

$30 - 6$

$\boxed{24}$

8) $90 \div 5 - 3^2$

$90 \div 5 - 9$

$18 - 9$

$\boxed{9}$

9) $\frac{13+11}{14-6} = \frac{24}{8} = \boxed{3}$

10) $26 - (4^2 - 8)$

$26 - (16 - 8)$

$26 - 8$

$\boxed{18}$

11) $3[5 + (9 - 7)]$

$3[5 + 2]$

$3 \cdot 7$

$\boxed{21}$

12) $2 + (12 - 3 \cdot 4)$

$2 + (12 - 12)$

$2 + 0$

$\boxed{2}$

13) $3 \cdot (4 + 9)^2$

$3 \cdot 13^2$

$3 \cdot 169$

$\boxed{507}$

14) $90 \div [(82 - 77) \cdot 9]$

$90 \div [5 \cdot 9]$

$90 \div 45$

$\boxed{2}$

15) $\frac{38-4-9}{9-4} = \frac{25}{5} = \boxed{5}$