

Name:

UNIT 1 DAY 3  
ORDER OF OPERATIONS HOMEWORK

1.  $6 \div 3 + 2 \cdot 7$

$2 + 14$

$16$

2.  $2(9 \div 3)^2 - 8$

$2(3)^2 - 8$

$2 \cdot 9 - 8$

$18 - 8$

$10$

3.  $4(2)^2 + 8$

$4 \cdot 4 + 8$

$16 + 8$

$24$

4.  $13 + 2(5 - 6)$

$13 + 2(-1)$

$13 - 2$

$11$

5.  $5[(18 \div 6) - 4]$

$5[(3) - 4]$

$5[-1]$

$-5$

6.  $7 - 2(6 + 3)$

$7 - 2(9)$

$7 - 18$

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Flip Over ☺

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7. Describe and Correct the Error (and find the correct answer)



$$\begin{aligned}(1 + 13) \div 7 + 7 &= \underline{14} \div 7 + 7 \\ &= 14 \div 14 \\ &= 1\end{aligned}$$

Division  
before  
addition

$$\begin{aligned}\rightarrow & 14 \div 7 + 7 \\ & 2 + 7 \\ & \boxed{9}\end{aligned}$$

8. WORD PROBLEM ☺

At a local barber shop, haircuts for boys cost \$ 7.50 and haircuts for men cost \$ 10.50. If the barber cut a total of 46 people in one day and 20 were boys, how much did the barber earn?

Expression:  $20(7.50) + 26(10.50)$

Work:  $150 + 273 = \boxed{\$ 423.00}$



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