

Name _____ Date _____

Unit 17 test

1 Complete these calculations.

a

$$\begin{array}{c} 34 \times 8 \\ \swarrow \quad \searrow \\ \square \times 8 = 240 \quad + \quad \square \times 8 = \square \\ \swarrow \quad \searrow \\ = \square \end{array}$$

b

$$\begin{array}{c} 39 \times 7 \\ \swarrow \quad \searrow \\ \square \times 7 = 280 \quad - \quad \square \times \square = \square \\ \swarrow \quad \searrow \\ = \square \end{array}$$

2 Zina knows that $48 \times 30 = 1440$.

Show how she can use this fact to calculate 48×29 .

- 3 Jamil writes $3 + 9 \times 8 = 96$.

Is he correct?

Explain your answer.

- 4 Calculate:

a $16 + 10 \div 2 = \square$

b $15 - 4 \times 2 = \square$

c $8 \times 9 - 2 = \square$

d $18 \times 2 - 6 = \square$

e $14 - 12 \div 2 = \square$

f $3 \times 6 - 9 = \square$

- 5 Write the missing numbers.

a $5 \times \square - 7 = 8$

b $2 \times 8 + \square = 21$

c $19 - 5 \times \square = 4$

d $12 \div \square - 3 = 1$

- 6 Use $+$, $-$, $\times$, $\div$ to complete these number sentences.

Example: $3 \square \times 4 \square - 6 = 6$

a $21 \square 4 \square 3 = 9$

b $5 \square 6 \square 7 = 23$

c $6 \square 3 \square 8 = 30$

d $24 \square 3 \square 6 = 14$