



# Canine Calculations

I can use short multiplication to multiply numbers up to four digits by a one-digit number.



Colin the chihuahua needs help finding the answers to these short multiplication calculations. Can you help him?



a) 
$$\begin{array}{r} 2532 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 6031 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 2363 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

d) 
$$\begin{array}{r} 1792 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 5755 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 8312 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

g) 
$$\begin{array}{r} 5631 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

h) 
$$\begin{array}{r} 3104 \\ \times \quad 9 \\ \hline \\ \hline \end{array}$$

i) 
$$\begin{array}{r} 7700 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$





# Canine Calculations Answers

Question	Answer
	Colin the chihuahua needs help finding the answers to these short multiplication calculations. Can you help him?
a)	$\begin{array}{r} 2532 \\ \times \quad 3 \\ \hline 7596 \\ \hline 1 \end{array}$
b)	$\begin{array}{r} 6031 \\ \times \quad 4 \\ \hline 24124 \\ \hline 1 \end{array}$
c)	$\begin{array}{r} 2363 \\ \times \quad 5 \\ \hline 11815 \\ \hline 131 \end{array}$
d)	$\begin{array}{r} 1792 \\ \times \quad 6 \\ \hline 10752 \\ \hline 451 \end{array}$
e)	$\begin{array}{r} 5755 \\ \times \quad 9 \\ \hline 51795 \\ \hline 644 \end{array}$
f)	$\begin{array}{r} 8312 \\ \times \quad 8 \\ \hline 66496 \\ \hline 21 \end{array}$
g)	$\begin{array}{r} 5631 \\ \times \quad 6 \\ \hline 33786 \\ \hline 31 \end{array}$
h)	$\begin{array}{r} 3104 \\ \times \quad 9 \\ \hline 27936 \\ \hline 6 \end{array}$
i)	$\begin{array}{r} 7700 \\ \times \quad 8 \\ \hline 61600 \\ \hline 5 \end{array}$



# Canine Calculations

I can use short multiplication to multiply numbers up to four digits by a two-digit number.



1) Can you help Sydney to complete these long multiplication calculations and find the correct answers?

a) 
$$\begin{array}{r} 2132 \\ \times \quad 32 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 3002 \\ \times \quad 14 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 1320 \\ \times \quad 12 \\ \hline \end{array}$$

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d) 
$$\begin{array}{r} 1792 \\ \times \quad 26 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 5755 \\ \times \quad 19 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 8312 \\ \times \quad 38 \\ \hline \end{array}$$

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2) Write word problems to go with three of these calculations.

a) \_\_\_\_\_

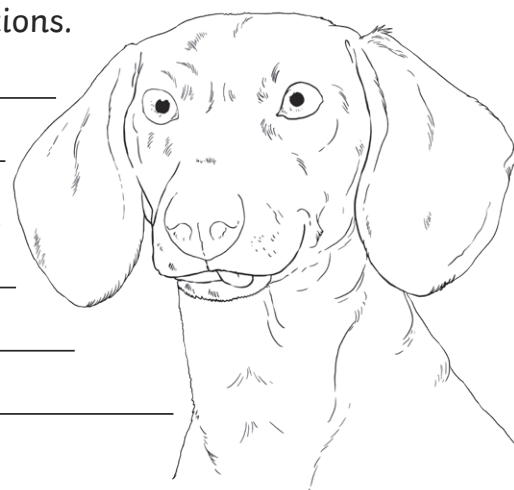
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b) \_\_\_\_\_

\_\_\_\_\_

c) \_\_\_\_\_

\_\_\_\_\_





# Canine Calculations Answers

Question	Answer
1.	Can you help Sydney to complete these long multiplication calculations and find the correct answers?
<p>a)</p> $\begin{array}{r} 2132 \\ \times \quad 32 \\ \hline 4264 \\ 63960 \\ \hline 68224 \\ \hline 11 \end{array}$ <p>d)</p> $\begin{array}{r} 11 \\ \times 1792 \\ \hline 10752 \\ 35840 \\ \hline 46592 \\ \hline 1 \end{array}$	<p>b)</p> $\begin{array}{r} 3002 \\ \times \quad 14 \\ \hline 12008 \\ 30020 \\ \hline 42028 \\ \hline 11 \end{array}$ <p>e)</p> $\begin{array}{r} 644 \\ \times 5755 \\ \hline 51795 \\ 57550 \\ \hline 109345 \\ \hline 11 \end{array}$ <p>f)</p> $\begin{array}{r} 1320 \\ \times \quad 12 \\ \hline 2640 \\ 13200 \\ \hline 15840 \\ \hline 111 \end{array}$
2.	Write word problems to go with three of these calculations.
	<i>Multiple answers possible.</i>



# Canine Calculations

I can use short multiplication to multiply numbers up to four digits by a two-digit number.



- 1) Can you help Sydney to complete these long multiplication calculations and find the correct answers?

a) 
$$\begin{array}{r} 5232 \\ \times \quad 36 \\ \hline \end{array}$$

b) 
$$\begin{array}{r} 3602 \\ \times \quad 24 \\ \hline \end{array}$$

c) 
$$\begin{array}{r} 1720 \\ \times \quad 42 \\ \hline \end{array}$$

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d) 
$$\begin{array}{r} 5792 \\ \times \quad 36 \\ \hline \end{array}$$

e) 
$$\begin{array}{r} 9755 \\ \times \quad 29 \\ \hline \end{array}$$

f) 
$$\begin{array}{r} 8312 \\ \times \quad 58 \\ \hline \end{array}$$

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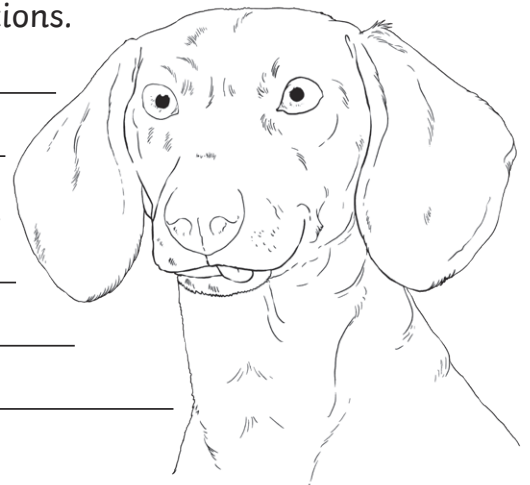
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- 2) Write word problems to go with three of these calculations.

a) \_\_\_\_\_

b) \_\_\_\_\_

c) \_\_\_\_\_





# Canine Calculations Answers

Question	Answer	
1.	Can you help Sydney to complete these long multiplication calculations and find the correct answers?	
a) $  \begin{array}{r}  \phantom{0}1 \phantom{0}1 \phantom{0}1 \\  5232 \\  \times \phantom{0}36 \\  \hline  31392 \\  156960 \\  \hline  188352  \end{array}  $	b) $  \begin{array}{r}  \phantom{0}1 \\  \phantom{0}2 \\  3602 \\  \times \phantom{0}24 \\  \hline  14408 \\  72040 \\  \hline  86448  \end{array}  $	c) $  \begin{array}{r}  \phantom{0}2 \\  \phantom{0}1 \\  1720 \\  \times \phantom{0}42 \\  \hline  3440 \\  68800 \\  \hline  72240  \end{array}  $
d) $  \begin{array}{r}  \phantom{0}2 \phantom{0}2 \\  \phantom{0}4 \phantom{0}5 \phantom{0}1 \\  5792 \\  \times \phantom{0}36 \\  \hline  34752 \\  173760 \\  \hline  208512  \end{array}  $	e) $  \begin{array}{r}  \phantom{0}1 \phantom{0}1 \phantom{0}1 \\  \phantom{0}6 \phantom{0}4 \phantom{0}4 \\  9755 \\  \times \phantom{0}29 \\  \hline  87795 \\  195100 \\  \hline  282895  \end{array}  $	f) $  \begin{array}{r}  \phantom{0}1 \phantom{0}1 \\  \phantom{0}2 \phantom{0}1 \\  8312 \\  \times \phantom{0}58 \\  \hline  66496 \\  415600 \\  \hline  482096  \end{array}  $
2.	Write word problems to go with three of these calculations.	
	<i>Multiple answers possible.</i>	