

# Extended Facts: Multiplication and Division

## Home Link 8-2

NAME \_\_\_\_\_

DATE \_\_\_\_\_

TIME \_\_\_\_\_

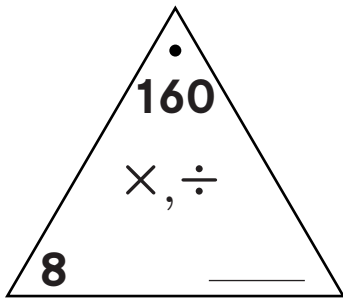
**Family Note** Today your child learned to use basic multiplication facts, such as  $4 \times 6 = 24$ , to solve extended multiplication facts, such as  $4 \times 60$ , by thinking of groups of ten. For example,  $4 \times 60$  can be thought of as  $4 \times 6$  [10s]. If you know that  $4 \times 6 = 24$ , then you also know that  $4 \times 6$  [10s] = 24 [10s] or 240. The same approach works for extended division facts like  $120 \div 3 = 40$ . If you know that  $12 \div 3 = 4$ , then you also know that  $12$  [10s]  $\div 3 = 4$  [10s] or 40. The extended Fact Triangles below work the same way as the basic Fact Triangles.

*Please return this Home Link to school tomorrow.*

Fill in the extended Fact Triangles. Write the extended fact families.

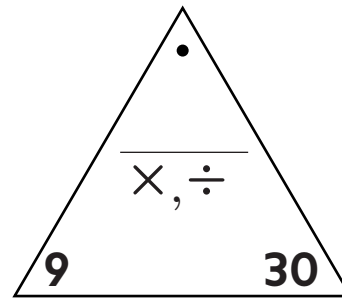


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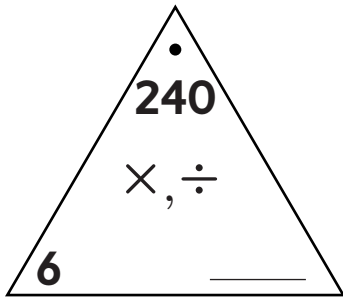
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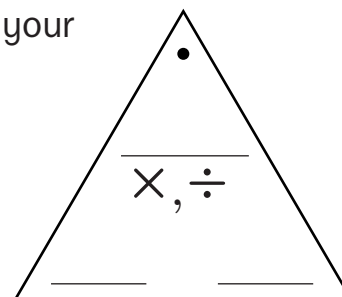
③



$$\begin{array}{l} \underline{\quad} \times \underline{\quad} = \underline{\quad} \\ \underline{\quad} \times \underline{\quad} = \underline{\quad} \\ \underline{\quad} \div \underline{\quad} = \underline{\quad} \\ \underline{\quad} \div \underline{\quad} = \underline{\quad} \end{array}$$

④

Write your own.



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