

Factor Pairs

Home Link 8-3

NAME _____

DATE _____

TIME _____

Family Note Today your child found factor pairs for numbers by using basic facts, pictures, and arrays. For example, 2 and 8 are a factor pair for 16 because $2 \times 8 = 16$.

Please return this Home Link to school tomorrow.

Use facts, counters, or drawings to help you solve the problems.



- ① The third-grade class is putting on a play. They have 18 chairs for the audience. Jayla and Kevin are in charge of arranging the chairs in equal rows with no chairs left over.

Describe ways that Jayla and Kevin can arrange the chairs.

List two factor pairs for 18:

$$\underline{\quad} \times \underline{\quad} = 18$$

$$\underline{\quad} \times \underline{\quad} = 18$$

How does knowing ways to arrange 18 chairs in equal rows help you find factors of 18?

② $40 = \underline{\quad} \times \underline{\quad}$

$40 = \underline{\quad} \times \underline{\quad}$

③ $72 = \underline{\quad} \times \underline{\quad}$

$72 = \underline{\quad} \times \underline{\quad}$

Try This

④ $150 = \underline{\quad} \times \underline{\quad}$

$150 = \underline{\quad} \times \underline{\quad}$