## Lesson 8: Relate Quotients to Familiar Products

### Warm-up: Number Talk: Multiplication and Division

Find the value of each expression mentally.

* $4×10$
* $40÷4$
* $40÷10$
* $60÷6$

### 8.1: Card Sort: Multiplication

Quiz your partner on their multiplication facts. Sort your partner’s facts into one of these columns:

1. know it right away
2. can find it quickly
3. don’t know it yet

Multiplication expressions I’m going to practice:

### 8.2: If I Know, Then I Know

If I know $4×5=20$, then I know \_\_\_\_\_.

1. Set the multiplication fact cards in a stack face down.
2. Take turns drawing a multiplication fact card.
3. Use the multiplication fact on the card to record a multiplication equation in the “If I know . . .” column.
4. Then, record related division equations in the “Then I know . . .” column.



|  |  |
| --- | --- |
| If I know . . . , | then I know . . . |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |



© CC BY 2021 Illustrative Mathematics®