

# Connecting Multiplication and Division

NCTM Standards 1, 2, 6, 7, 8, 9, 10

For each problem, complete the number sentences on the left. Circle the sentence that matches the story. Then write the fact family for that sentence on the right.

Sentences	Story	Fact Family
<p><b>1</b></p> <p><math>6 \div 3 = \square</math></p> <p><math>6 \times 3 = \square</math></p> <p><math>3 + \square = 6</math></p> <p><math>\square \times 3 = 6</math></p>	<p>Three north-south avenues cross our town. Six east-west streets cross those avenues. How many intersections are there?</p>	<p>_____</p> <p><math>6 \times 3 =</math> _____</p> <p>_____</p> <p>_____</p>

<p><b>2</b></p> <p><math>4 + \square = 8</math></p> <p><math>8 \times 4 = \square</math></p> <p><math>\square \times 4 = 8</math></p> <p><math>4 + 8 = \square</math></p>	<p>Four north-south avenues cross our town, and eight east-west streets cross our town. Those are our only roads. How many roads do we have?</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
---	--	---

<p><b>3</b></p> <p><math>45 \div 5 = \square</math></p> <p><math>5 + 45 = \square</math></p> <p><math>45 - 5 = \square</math></p> <p><math>\square \div 5 = 7</math></p>	<p>When Midori wraps a birthday present, she always uses 5 pieces of tape. She used 45 pieces of tape to wrap birthday gifts this month. How many gifts did she wrap?</p>	<p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
--	---	---

Write a story to match each number sentence.



4  $7 \times 4 = \square$

---

---

---

---

---



5  $48 \div 8 = \square$

---

---

---

---



6 **Challenge** Write a multiplication and division fact family using the number 56. Then write a story about one of the number sentences.

<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>