**Guided Practice**

**Do You Understand?**

1. **Generalize** Why is $210 \div 30$ the same as $21 \text{ tens} \div 3 \text{ tens}$?

2. A jet carried 12,000 people in 40 trips. If the jet was full each trip, how many people did it carry for each trip?

**Do You Know How?**

*In 3–9, find each quotient. Use mental math.*

3. $210 \div 30 = 21 \text{ tens} \div 3 \text{ tens} = _____$

4. $480 \div 60 = 48 \text{ tens} \div 6 \text{ tens} = _____$

5. $15,000 \div 30 = 1,500 \text{ tens} \div 3 \text{ tens} = _____$

6. $8,100 \div 90 = _____$

7. $2,800 \div 70 = _____$

8. $30,000 \div 50 = _____$

9. $1,800 \div 60 = _____$

**Independent Practice**

**Leveled Practice** In 10–25, use mental math to find the missing numbers.

10. $560 \div 70 = 56 \text{ tens} \div 7 \text{ tens} = _____$

11. $360 \div 60 = 36 \text{ tens} \div 6 \text{ tens} = _____$

12. $6,000 \div 50 = 600 \text{ tens} \div 5 \text{ tens} = _____$

13. $24,000 \div 60 = 2,400 \text{ tens} \div 6 \text{ tens} = _____$

14. $2,000 \div 20 = _____$

15. $6,300 \div 90 = _____$

16. _____ $\div 10 = 24$

17. $21,000 \div _____ = 700$

18. $2,500 \div 50 = _____$

19. $72,000 \div _____ = 800$

20. $56,000 \div _____ = 800$

21. _____ $\div 10 = 100$

22. $45,000 \div 90 = _____$

23. $42,000 \div 70 = _____$

24. $64,000 \div _____ = 800$

25. $32,000 \div _____ = 400$

*For another example, see Set A on page 289.*
26. The table shows the number of passengers who flew on airplane flights in or out of one airport. Each flight had the same number of passengers. How many passengers were on each flight?

<table>
<thead>
<tr>
<th>DATA</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total passengers</td>
<td>27,000</td>
</tr>
<tr>
<td>Number of flights</td>
<td>90</td>
</tr>
<tr>
<td>Crew members</td>
<td>900</td>
</tr>
</tbody>
</table>

27. **Algebra** A truck delivers 478 dozen eggs to stores in one day. Write and solve an equation to find \( n \), the number of eggs the truck delivers in one day.

28. Paula wants to divide 480 tomatoes equally among 80 baskets. How many tomatoes will Paula put in each basket?

29. **Be Precise** Ernesto measured the width of each of the three coins shown below.

- 0.7 inch
- 0.84 inch
- 0.74 inch

What is the difference in width between the widest coin and the least wide coin?

30. **Higher Order Thinking** A baker uses 30 grams of sea salt for each batch of bread. Sea salt comes in an 18-kilogram package or an 800-gram package. Which size package should the baker buy so that no sea salt is left after all of the batches are made? Explain.

31. Which is 2,400 divided by 80?
   - A 3
   - B 4
   - C 30
   - D 40

32. Which expression has a quotient of 70?
   - A \( 420 \div 60 \)
   - B \( 4,200 \div 6 \)
   - C \( 4,200 \div 60 \)
   - D \( 4,200 \div 600 \)