

NAME

DATE

TIME



Unit 3 Skills Check (Grade 3)

SKILLS	SIMILAR PROBLEMS																									
① Complete "What's My Rule?" tables and find rules.	<table border="1" style="margin-left: 20px;"> <thead> <tr> <th>in</th> <th>out</th> </tr> </thead> <tbody> <tr><td>3</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>8</td><td></td></tr> <tr><td>10</td><td></td></tr> <tr><td>12</td><td></td></tr> </tbody> </table>	in	out	3		6		8		10		12		⑤ <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>in</th> <th>out</th> </tr> </thead> <tbody> <tr><td>2</td><td>20</td></tr> <tr><td>7</td><td></td></tr> <tr><td></td><td>30</td></tr> <tr><td></td><td>60</td></tr> <tr><td>9</td><td></td></tr> </tbody> </table>	in	out	2	20	7			30		60	9	
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② Add 3-digit numbers.	$227 + 386 = ?$ Estimate: _____ $227 + 386 = \underline{\hspace{2cm}}$	$481 + 239 = ?$ Estimate: _____ $481 + 239 = \underline{\hspace{2cm}}$																								
③ Subtract 3-digit numbers.	$182 - 56 = ?$ Estimate: _____ $182 - 56 = \underline{\hspace{2cm}}$	$341 - 225 = ?$ Estimate: _____ $341 - 225 = \underline{\hspace{2cm}}$																								

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- ④ Use +, −, ×, and ÷ to write equivalent names for numbers.

Three names do not belong in this box. Cross them out. Then write the name of the box on the tag.

fourteen

10 + 6

10 less than 26

10 − 6

• • • •	8 twos
• • • •	4 + 4 + 4
• • • •	half of 32

10 + 2 − 4 + 6 − 8 + 10

Write at least 10 names in the box.

24

- ⑤ Use the adding-a-group strategy to solve facts.

Suppose you do not know the answer to $6 \times 3 = ?$.

Helper fact: $5 \times 3 = \underline{\hspace{2cm}}$

Use pictures, numbers, or words to show how you can use 5×3 to help you figure out 6×3 . Solve.

$6 \times 3 = \underline{\hspace{2cm}}$

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- ⑥ Use the subtracting-a-group strategy to solve facts.

Suppose you do not know the answer to $4 \times 7 = ?$.

Helper fact: $5 \times 7 =$ _____

Use pictures, numbers, or words to show how you can use 5×7 to help figure out 4×7 . Solve.

$4 \times 7 =$ _____