



Name: \_\_\_\_\_

## Zero Challenges

Remember: **Bigger number on the Bottom** → **BETTER BORROW!**

Show all your work.

a.	$910$	b.	$703$	c.	$220$	d.	$770$	e.	$800$
	$- 123$		$+ 207$		$+ 190$		$- 387$		$- 274$

f.	$980$	g.	$410$	h.	$608$	i.	$906$	j.	$809$
	$- 788$		$+ 299$		$- 555$		$- 778$		$- 669$

k.	$800$	l.	$700$	m.	$600$	n.	$500$
	$- 773$		$- 554$		$+ 321$		$+ 225$

BBBBB } 
$$\begin{array}{r} 2 \\ 1312 \\ - 33 \\ \hline 99 \end{array}$$





## Add with No Regrouping

$\begin{array}{r} 772 \\ + 125 \\ \hline \end{array}$	$\begin{array}{r} 246 \\ + 130 \\ \hline \end{array}$	$\begin{array}{r} 567 \\ + 120 \\ \hline \end{array}$	$\begin{array}{r} 548 \\ + 341 \\ \hline \end{array}$	$\begin{array}{r} 367 \\ + 331 \\ \hline \end{array}$	$\begin{array}{r} 555 \\ + 231 \\ \hline \end{array}$	$\begin{array}{r} 208 \\ + 590 \\ \hline \end{array}$
$\begin{array}{r} 951 \\ + 27 \\ \hline \end{array}$	$\begin{array}{r} 972 \\ + 26 \\ \hline \end{array}$	$\begin{array}{r} 451 \\ + 143 \\ \hline \end{array}$	$\begin{array}{r} 270 \\ + 129 \\ \hline \end{array}$	$\begin{array}{r} 851 \\ + 134 \\ \hline \end{array}$	$\begin{array}{r} 566 \\ + 223 \\ \hline \end{array}$	$\begin{array}{r} 341 \\ + 552 \\ \hline \end{array}$
$\begin{array}{r} 297 \\ + 301 \\ \hline \end{array}$	$\begin{array}{r} 295 \\ + 204 \\ \hline \end{array}$	$\begin{array}{r} 773 \\ + 126 \\ \hline \end{array}$	$\begin{array}{r} 448 \\ + 241 \\ \hline \end{array}$	$\begin{array}{r} 518 \\ + 261 \\ \hline \end{array}$	$\begin{array}{r} 834 \\ + 64 \\ \hline \end{array}$	$\begin{array}{r} 451 \\ + 328 \\ \hline \end{array}$
$\begin{array}{r} 763 \\ + 135 \\ \hline \end{array}$	$\begin{array}{r} 831 \\ + 157 \\ \hline \end{array}$	$\begin{array}{r} 407 \\ + 281 \\ \hline \end{array}$	$\begin{array}{r} 952 \\ + 37 \\ \hline \end{array}$	$\begin{array}{r} 678 \\ + 210 \\ \hline \end{array}$	$\begin{array}{r} 184 \\ + 513 \\ \hline \end{array}$	$\begin{array}{r} 446 \\ + 251 \\ \hline \end{array}$
$\begin{array}{r} 719 \\ + 260 \\ \hline \end{array}$	$\begin{array}{r} 427 \\ + 522 \\ \hline \end{array}$	$\begin{array}{r} 227 \\ + 561 \\ \hline \end{array}$	$\begin{array}{r} 254 \\ + 245 \\ \hline \end{array}$	$\begin{array}{r} 184 \\ + 513 \\ \hline \end{array}$	$\begin{array}{r} 553 \\ + 346 \\ \hline \end{array}$	$\begin{array}{r} 479 \\ + 310 \\ \hline \end{array}$
$\begin{array}{r} 964 \\ + 23 \\ \hline \end{array}$	$\begin{array}{r} 664 \\ + 214 \\ \hline \end{array}$	$\begin{array}{r} 783 \\ + 114 \\ \hline \end{array}$	$\begin{array}{r} 607 \\ + 292 \\ \hline \end{array}$	$\begin{array}{r} 567 \\ + 321 \\ \hline \end{array}$	$\begin{array}{r} 460 \\ + 128 \\ \hline \end{array}$	$\begin{array}{r} 509 \\ + 280 \\ \hline \end{array}$
$\begin{array}{r} 349 \\ + 310 \\ \hline \end{array}$	$\begin{array}{r} 297 \\ + 402 \\ \hline \end{array}$	$\begin{array}{r} 654 \\ + 234 \\ \hline \end{array}$	$\begin{array}{r} 265 \\ + 531 \\ \hline \end{array}$	$\begin{array}{r} 514 \\ + 215 \\ \hline \end{array}$	$\begin{array}{r} 884 \\ + 105 \\ \hline \end{array}$	$\begin{array}{r} 333 \\ + 123 \\ \hline \end{array}$
$\begin{array}{r} 463 \\ + 432 \\ \hline \end{array}$	$\begin{array}{r} 142 \\ + 251 \\ \hline \end{array}$	$\begin{array}{r} 630 \\ + 266 \\ \hline \end{array}$	$\begin{array}{r} 811 \\ + 168 \\ \hline \end{array}$	$\begin{array}{r} 363 \\ + 225 \\ \hline \end{array}$	$\begin{array}{r} 461 \\ + 538 \\ \hline \end{array}$	$\begin{array}{r} 278 \\ + 311 \\ \hline \end{array}$



## Add with Regrouping

$$\begin{array}{r} 345 \\ + 248 \\ \hline 593 \end{array}$$

$$\begin{array}{r} 145 \\ + 117 \\ \hline \end{array}$$

$$\begin{array}{r} 318 \\ + 314 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ + 118 \\ \hline \end{array}$$

$$\begin{array}{r} 336 \\ + 225 \\ \hline \end{array}$$

$$\begin{array}{r} 567 \\ + 123 \\ \hline \end{array}$$

$$\begin{array}{r} 128 \\ + 126 \\ \hline \end{array}$$

$$\begin{array}{r} 377 \\ + 318 \\ \hline \end{array}$$

$$\begin{array}{r} 665 \\ + 125 \\ \hline \end{array}$$

$$\begin{array}{r} 546 \\ + 234 \\ \hline \end{array}$$

$$\begin{array}{r} 743 \\ + 139 \\ \hline \end{array}$$

$$\begin{array}{r} 658 \\ + 227 \\ \hline \end{array}$$

$$\begin{array}{r} 828 \\ + 149 \\ \hline \end{array}$$

$$\begin{array}{r} 818 \\ + 116 \\ \hline \end{array}$$

$$\begin{array}{r} 469 \\ + 336 \\ \hline \end{array}$$

$$\begin{array}{r} 417 \\ + 259 \\ \hline \end{array}$$

$$\begin{array}{r} 365 \\ + 358 \\ \hline \end{array}$$

$$\begin{array}{r} 714 \\ + 299 \\ \hline \end{array}$$

$$\begin{array}{r} 474 \\ + 148 \\ \hline \end{array}$$

$$\begin{array}{r} 765 \\ + 106 \\ \hline \end{array}$$

$$\begin{array}{r} 884 \\ + 139 \\ \hline \end{array}$$

$$\begin{array}{r} 418 \\ + 476 \\ \hline \end{array}$$

$$\begin{array}{r} 339 \\ + 279 \\ \hline \end{array}$$

$$\begin{array}{r} 729 \\ + 159 \\ \hline \end{array}$$

$$\begin{array}{r} 629 \\ + 199 \\ \hline \end{array}$$

$$\begin{array}{r} 846 \\ + 129 \\ \hline \end{array}$$

$$\begin{array}{r} 483 \\ + 159 \\ \hline \end{array}$$

$$\begin{array}{r} 403 \\ + 289 \\ \hline \end{array}$$

$$\begin{array}{r} 537 \\ + 235 \\ \hline \end{array}$$

$$\begin{array}{r} 851 \\ + 259 \\ \hline \end{array}$$

$$\begin{array}{r} 607 \\ + 227 \\ \hline \end{array}$$

$$\begin{array}{r} 637 \\ + 127 \\ \hline \end{array}$$

$$\begin{array}{r} 558 \\ + 322 \\ \hline \end{array}$$

$$\begin{array}{r} 149 \\ + 625 \\ \hline \end{array}$$

$$\begin{array}{r} 236 \\ + 446 \\ \hline \end{array}$$

$$\begin{array}{r} 576 \\ + 169 \\ \hline \end{array}$$

$$\begin{array}{r} 456 \\ + 264 \\ \hline \end{array}$$

$$\begin{array}{r} 618 \\ + 114 \\ \hline \end{array}$$

$$\begin{array}{r} 342 \\ + 539 \\ \hline \end{array}$$

$$\begin{array}{r} 289 \\ + 132 \\ \hline \end{array}$$

$$\begin{array}{r} 229 \\ + 337 \\ \hline \end{array}$$

$$\begin{array}{r} 437 \\ + 486 \\ \hline \end{array}$$

$$\begin{array}{r} 458 \\ + 529 \\ \hline \end{array}$$

$$\begin{array}{r} 789 \\ + 103 \\ \hline \end{array}$$

$$\begin{array}{r} 189 \\ + 153 \\ \hline \end{array}$$

$$\begin{array}{r} 275 \\ + 139 \\ \hline \end{array}$$

$$\begin{array}{r} 335 \\ + 248 \\ \hline \end{array}$$

$$\begin{array}{r} 774 \\ + 177 \\ \hline \end{array}$$

$$\begin{array}{r} 648 \\ + 128 \\ \hline \end{array}$$

$$\begin{array}{r} 157 \\ + 226 \\ \hline \end{array}$$

$$\begin{array}{r} 674 \\ + 157 \\ \hline \end{array}$$

$$\begin{array}{r} 388 \\ + 688 \\ \hline \end{array}$$

$$\begin{array}{r} 208 \\ + 228 \\ \hline \end{array}$$

$$\begin{array}{r} 538 \\ + 432 \\ \hline \end{array}$$

$$\begin{array}{r} 189 \\ + 278 \\ \hline \end{array}$$

$$\begin{array}{r} 555 \\ + 445 \\ \hline \end{array}$$



## Subtract with No Regrouping

$\begin{array}{r} 54 \\ - 32 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 98 \\ - 44 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 45 \\ - 12 \\ \hline \end{array}$
---	---	---	---	---	---	---

$\begin{array}{r} 96 \\ - 45 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 58 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ - 36 \\ \hline \end{array}$	$\begin{array}{r} 69 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 14 \\ \hline \end{array}$
---	---	---	---	---	--	---

$\begin{array}{r} 25 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 87 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ - 16 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ - 5 \\ \hline \end{array}$
--	---	---	---	---	---	--

$\begin{array}{r} 98 \\ - 26 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 34 \\ \hline \end{array}$	$\begin{array}{r} 93 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 29 \\ - 18 \\ \hline \end{array}$	$\begin{array}{r} 77 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 14 \\ \hline \end{array}$
---	---	---	---	---	--	---

$\begin{array}{r} 87 \\ - 3 \\ \hline \end{array}$	$\begin{array}{r} 43 \\ - 11 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 84 \\ - 21 \\ \hline \end{array}$	$\begin{array}{r} 47 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 38 \\ - 27 \\ \hline \end{array}$	$\begin{array}{r} 56 \\ - 34 \\ \hline \end{array}$
--	---	---	---	---	---	---

$\begin{array}{r} 43 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 89 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ - 25 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 44 \\ \hline \end{array}$	$\begin{array}{r} 64 \\ - 22 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ - 34 \\ \hline \end{array}$
---	---	---	---	---	---	---

$\begin{array}{r} 85 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 73 \\ - 50 \\ \hline \end{array}$	$\begin{array}{r} 68 \\ - 27 \\ \hline \end{array}$	$\begin{array}{r} 76 \\ - 25 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 88 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 36 \\ - 12 \\ \hline \end{array}$
---	---	---	---	---	---	---

$\begin{array}{r} 59 \\ - 23 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 74 \\ - 31 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 31 \\ \hline \end{array}$	$\begin{array}{r} 57 \\ - 25 \\ \hline \end{array}$	$\begin{array}{r} 65 \\ - 31 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ - 21 \\ \hline \end{array}$
---	---	---	---	---	---	---

# Student Activity



Name: \_\_\_\_\_

B.B.B.B.!



## Subtract with Regrouping

$$\begin{array}{r} 34 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 34\cancel{3} \\ - 17 \\ \hline 26 \end{array}$$

$$\begin{array}{r} 64 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ - 25 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 55 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 32 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ - 27 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 95 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ - 36 \\ \hline \end{array}$$

$$\begin{array}{r} 87 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 26 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ - 22 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 29 \\ \hline \end{array}$$

$$\begin{array}{r} 43 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ - 38 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 52 \\ - 24 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 44 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 37 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 92 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 18 \\ \hline \end{array}$$

$$\begin{array}{r} 80 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 45 \\ - 19 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ - 26 \\ \hline \end{array}$$

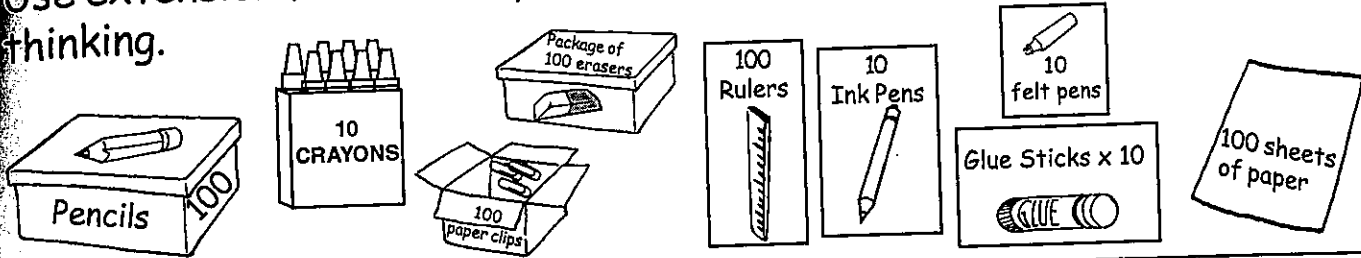
$$\begin{array}{r} 74 \\ - 16 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ - 48 \\ \hline \end{array}$$



## School Supplies

Use extension facts to help answer the following questions. Show your thinking.



<p>1. The teacher ordered 2 boxes of pencils, 3 packages of erasers, 1 box of paper clips, and 2 packages of paper. How many supplies were ordered in all?</p>	<p>2. There were 9 boxes of felt pens and 6 boxes of ink pens. How many pens are there in all?</p>
<p>3. There were 6 boxes of paper clips on the shelf. The students used two boxes for a measuring activity. How many clips are left?</p>	<p>4. There were 8 packages of crayons and 14 boxes of felt pens. How many more felt pens than crayons are there?</p>
<p>5. There were 8 boxes of glue sticks. The teacher ordered 9 more boxes of glue sticks. How many glue sticks are there in all?</p>	<p>6. At the beginning of the school year, there were 18 sets of rulers. By December, half of the rulers had been lost. How many rulers are left?</p>
<p>7. If you had 10 boxes of crayons, 10 boxes of felt pens and 10 boxes of ink pens, how many writing tools would you have in all?</p>	<p>8. If you had one package of each set of school supplies, how many supplies would you have in all?</p>

# Cootie Catcher

## Division by Three

orange  
twelve  
 $15 \div 3$   
five  
 $36 \div 3$   
red  
eleven  
 $18 \div 3$   
6  
12  
six  
 $33 \div 3$   
11  
ten  
 $27 \div 3$   
7  
10  
seven  
 $30 \div 3$   
green  
8  
9  
blue  
nine  
 $24 \div 3$   
eight  
 $27 \div 3$