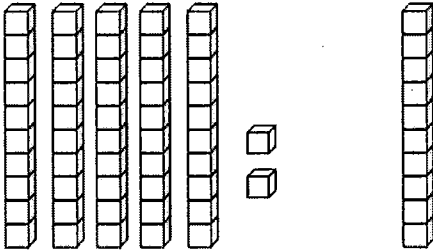


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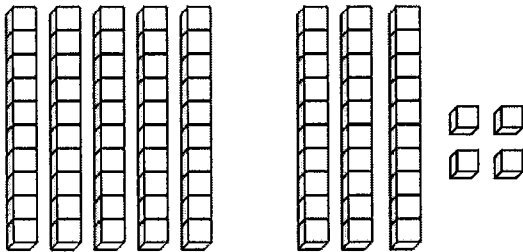
1. Solve using the pictures. Complete the number sentence to match.

a.



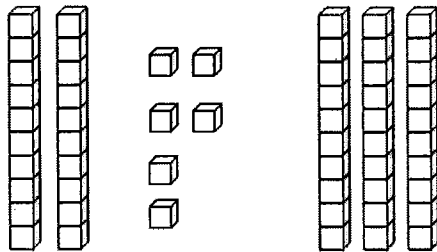
$$\underline{52} + \underline{10} = \underline{62}$$

b.



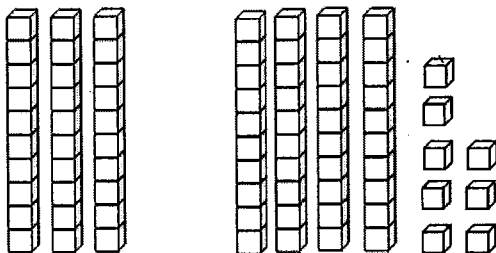
$$\underline{50} + \underline{34} = \underline{84}$$

c.



$$\underline{26} + \underline{30} = \underline{56}$$

d.



$$\underline{30} + \underline{48} = \underline{78}$$

2. Use number bonds to solve.

<p>a. $38 + 40 = \underline{78}$</p> <p>$\overset{\wedge}{30} \ 8$</p> <p>$30 + 40 = 70$</p> <p>$70 + 8 = 78$</p>	<p>b. $54 + 30 = \underline{84}$</p> <p>$\overset{\wedge}{50} \ 4$</p> <p>$50 + 30 = 80$</p> <p>$80 + 4 = 84$</p>
<p>c. $46 + 40 = \underline{86}$</p> <p>$\overset{\wedge}{40} \ 6$</p> <p>$40 + 40 = 80$</p> <p>$80 + 6 = 86$</p>	<p>d. $30 + 57 = \underline{87}$</p> <p>$\overset{\wedge}{50} \ 7$</p> <p>$30 + 50 = 80$</p> <p>$80 + 7 = 87$</p>
<p>e. $20 + 68 = \underline{88}$</p> <p>$\overset{\wedge}{60} \ 8$</p> <p>$20 + 60 = 80$</p> <p>$80 + 8 = 88$</p>	<p>f. $25 + 70 = \underline{95}$</p> <p>$\overset{\wedge}{20} \ 5$</p> <p>$20 + 70 = 90$</p> <p>$90 + 5 = 95$</p>

3. Solve. You may use number bonds to help you.

a. $72 + 20 = \underline{92}$

b. $48 + 50 = \underline{98}$

c. $46 + \underline{50} = 96$

d. $\underline{47} + 40 = 87$

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1. Solve. * methods may vary

$$\begin{array}{r} \text{a. } 46 + 22 = \underline{68} \\ \quad \wedge \\ \quad 20 \quad 2 \end{array}$$

$$\begin{array}{l} 46 + 20 = 66 \\ 66 + 2 = 68 \end{array}$$

$$\begin{array}{r} \text{b. } 74 + 23 = \underline{97} \\ \quad \wedge \\ \quad 20 \quad 3 \end{array}$$

$$\begin{array}{l} 74 + 20 = 94 \\ 94 + 3 = 97 \end{array}$$

$$\begin{array}{r} \text{c. } 54 + 25 = \underline{79} \\ \quad \wedge \\ \quad 50 \quad 4 \end{array}$$

$$\begin{array}{l} 50 + 25 = 75 \\ 75 + 4 = 79 \end{array}$$

$$\begin{array}{r} \text{d. } 68 + 31 = \underline{99} \\ \quad \wedge \\ \quad 30 \quad 1 \end{array}$$

$$\begin{array}{l} 68 + 30 = 98 \\ 98 + 1 = 99 \end{array}$$

$$\begin{array}{r} \text{e. } 45 + 55 = \underline{100} \\ \quad \wedge \\ \quad 50 \quad 5 \end{array}$$

$$\begin{array}{l} 45 + 5 = 50 \\ 50 + 50 = 100 \end{array}$$

$$\begin{array}{r} \text{f. } 86 + 13 = \underline{99} \\ \quad \wedge \\ \quad 80 \quad 6 \end{array}$$

$$\begin{array}{l} 80 + 13 = 93 \\ 93 + 6 = 99 \end{array}$$

$$\begin{array}{r} \text{g. } 37 + 52 = \underline{89} \\ \quad \wedge \\ \quad 30 \quad 7 \end{array}$$

$$\begin{array}{l} 52 + 30 = 82 \\ 82 + 7 = 89 \end{array}$$

$$\begin{array}{r} \text{h. } 47 + 52 = \underline{99} \\ \quad \wedge \\ \quad 50 \quad 2 \end{array}$$

$$\begin{array}{l} 47 + 50 = 97 \\ 97 + 2 = 99 \end{array}$$

* methods may vary

2. Solve using number bonds. You may choose to add the ones or tens first. Write the two number sentences to show what you did.

<p>a. $76 + 23 = \underline{99}$</p> <p>$\overset{\wedge}{70} \overset{\wedge}{6} \overset{\wedge}{20} \overset{\wedge}{3}$</p> <p>$70 + 20 = 90$ $6 + 3 = 9$ $90 + 9 = 99$</p>	<p>b. $45 + 33 = \underline{78}$</p> <p>$\overset{\wedge}{40} \overset{\wedge}{5} \overset{\wedge}{30} \overset{\wedge}{3}$</p> <p>$40 + 30 = 70$ $70 + 8 = 78$ $5 + 3 = 8$</p>
<p>c. $31 + 67 = \underline{98}$</p> <p>$\overset{\wedge}{30} \overset{\wedge}{1}$</p> <p>$67 + 30 = 97$ $97 + 1 = 98$</p>	<p>d. $57 + 32 = \underline{89}$</p> <p>$\overset{\wedge}{30} \overset{\wedge}{2}$</p> <p>$57 + 30 = 87$ $87 + 2 = 89$</p>
<p>e. $58 + 21 = \underline{79}$</p> <p>$\overset{\wedge}{50} \overset{\wedge}{8} \overset{\wedge}{20} \overset{\wedge}{1}$</p> <p>$50 + 20 = 70$ $8 + 1 = 9$ $70 + 9 = 79$</p>	<p>f. $25 + 63 = \underline{88}$</p> <p>$\overset{\wedge}{20} \overset{\wedge}{5} \overset{\wedge}{60} \overset{\wedge}{3}$</p> <p>$60 + 20 = 80$ $5 + 3 = 8$ $80 + 8 = 88$</p>
<p>g. $44 + 55 = \underline{99}$</p> <p>$\overset{\wedge}{40} \overset{\wedge}{4} \overset{\wedge}{50} \overset{\wedge}{5}$</p> <p>$40 + 50 = 90$ $4 + 5 = 9$ $90 + 9 = 99$</p>	<p>h. $47 + 53 = \underline{100}$</p> <p>$\overset{\wedge}{40} \overset{\wedge}{7} \overset{\wedge}{50} \overset{\wedge}{3}$</p> <p>$40 + 50 = 90$ $7 + 3 = 10$ $90 + 10 = 100$</p>

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1. Solve and show your work. *strategies may vary

<p>a. $15 + 26 = \underline{41}$</p>	<p>b. $46 + 49 = \underline{94}$</p> <p>$\overset{5}{\wedge} 44$</p> <p>$46 + 5 = 50$</p> <p>$50 + 44 = 94$</p>	<p>c. $28 + 54 = \underline{82}$</p> <p>$\overset{20}{\wedge} 8 \quad \overset{50}{\wedge} 4$</p> <p>$20 + 50 = 70$</p> <p>$8 + 4 = 12$</p> <p>$70 + 12 = 82$</p>
<p>d. $69 + 13 = \underline{82}$</p> <p>$\overset{1}{\wedge} 12$</p> <p>$69 + 1 = 70$</p> <p>$70 + 12 = 82$</p>	<p>e. $69 + 23 = \underline{92}$</p> <p>$\overset{1}{\wedge} 22$</p> <p>$69 + 1 = 70$</p> <p>$70 + 22 = 92$</p>	<p>f. $69 + 19 = \underline{88}$</p> <p>$\overset{10}{\wedge} 9$</p> <p>$69 + 10 = 79$</p> <p>$79 + 9 = 88$</p>
<p>g. $49 + 43 = \underline{92}$</p> <p>$\overset{1}{\wedge} 42$</p> <p>$49 + 1 = 50$</p> <p>$50 + 42 = 92$</p>	<p>h. $57 + 36 = \underline{93}$</p> <p>$\overset{50}{\wedge} 7 \quad \overset{30}{\wedge} 6$</p> <p>$50 + 30 = 80$</p> <p>$7 + 6 = 13$</p> <p>$80 + 13 = 93$</p>	<p>i. $68 + 23 = \underline{91}$</p> <p>$\overset{2}{\wedge} 21$</p> <p>$68 + 2 = 70$</p> <p>$70 + 21 = 91$</p>

2. Solve and show your work.

<p>a. $34 + 47 = \underline{81}$</p>	<p>b. $38 + 45 = \underline{83}$</p> <p>$\overset{\wedge}{40} 5$</p> <p>$38 + 40 = 78$ $78 + 5 = 83$</p>	<p>c. $68 + 23 = \underline{91}$</p> <p>$\overset{\wedge}{20} 3$</p> <p>$68 + 20 = 88$ $88 + 3 = 91$</p>
<p>d. $39 + 57 = \underline{96}$</p> <p>$\overset{\wedge}{1} 56$</p> <p>$39 + 1 = 40$ $40 + 56 = 96$</p>	<p>e. $38 + 44 = \underline{82}$</p> <p>$\overset{\wedge}{30} 8 \quad \overset{\wedge}{40} 4$</p> <p>$30 + 40 = 70$ $8 + 4 = 12$ $70 + 12 = 82$</p>	<p>f. $17 + 76 = \underline{93}$</p> <p>$\overset{\wedge}{10} 7 \quad \overset{\wedge}{70} 6$</p> <p>$10 + 70 = 80$ $7 + 6 = 13$ $80 + 13 = 93$</p>
<p>g. $68 + 24 = \underline{92}$</p> <p>$\overset{\wedge}{2} 22$</p> <p>$68 + 2 = 70$ $70 + 22 = 92$</p>	<p>h. $18 + 77 = \underline{95}$</p> <p>$\overset{\wedge}{10} 8$</p> <p>$77 + 10 = 87$ $87 + 8 = 95$</p>	<p>i. $14 + 67 = \underline{81}$</p> <p>$\overset{\wedge}{10} 4 \quad \overset{\wedge}{60} 7$</p> <p>$10 + 60 = 70$ $4 + 7 = 11$ $70 + 11 = 81$</p>

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1. Solve and show your work. * strategies may vary.

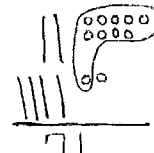
<p>a. $68 + 21 = \underline{89}$ $\begin{array}{r} \text{\textasciicircum} \\ 20 \ 1 \end{array}$ $68 + 20 = 88$ $88 + 1 = 89$</p>	<p>b. $59 + 32 = \underline{91}$ $\begin{array}{r} \text{\textasciicircum} \\ 31 \ 1 \end{array}$ $59 + 1 = 60$ $60 + 31 = 91$</p>
<p>c. $39 + 44 = \underline{83}$ $\begin{array}{r} \text{\textasciicircum} \\ 1 \ 43 \end{array}$ $39 + 1 = 40$ $40 + 43 = 83$</p>	<p>d. $58 + 36 = \underline{94}$ $\begin{array}{r} \text{\textasciicircum} \\ 54 \ 4 \end{array}$ $36 + 4 = 40$ $40 + 54 = 94$</p>
<p>e. $76 + 17 = \underline{93}$ $\begin{array}{r} \text{\textasciicircum} \\ 73 \ 3 \end{array}$ $17 + 3 = 20$ $73 + 20 = 93$</p>	<p>f. $68 + 26 = \underline{94}$ $\begin{array}{r} \text{\textasciicircum} \\ 20 \ 6 \end{array}$ $68 + 20 = 88$ $88 + 6 = 94$ $\begin{array}{r} \text{\textasciicircum} \\ 2 \ 4 \end{array}$</p>
<p>g. $56 + 39 = \underline{95}$ $\begin{array}{r} \text{\textasciicircum} \\ 50 \ 6 \end{array}$ $50 + 39 = 89$ $89 + 6 = 95$ $\begin{array}{r} \text{\textasciicircum} \\ 1 \ 5 \end{array}$</p>	<p>h. $58 + 29 = \underline{87}$ $\begin{array}{r} \text{\textasciicircum} \\ 20 \ 9 \end{array}$ $58 + 20 = 78$ $78 + 9 = 87$ $\begin{array}{r} \text{\textasciicircum} \\ 2 \ 7 \end{array}$</p>

2. Solve and show your work. * Strategies may vary.

<p>a. $39 + 41 = \underline{80}$</p> $\begin{array}{r} \wedge \\ 40 \ 1 \end{array}$ <p>$39 + 1 = 40$ $40 + 40 = 80$</p>	<p>b. $48 + 43 = \underline{91}$</p> $\begin{array}{r} \wedge \\ 40 \ 3 \end{array}$ <p>$48 + 40 = 88$ $88 + 3 = 91$</p> $\begin{array}{r} \wedge \\ 2 \ 1 \end{array}$
<p>c. $87 + 13 = \underline{100}$</p> $\begin{array}{r} \wedge \\ 10 \ 3 \end{array}$ <p>$87 + 10 = 97$ $97 + 3 = 100$</p>	<p>d. $59 + 25 = \underline{84}$</p> $\begin{array}{r} \wedge \\ 20 \ 5 \end{array}$ <p>$59 + 20 = 79$ $79 + 5 = 84$</p> $\begin{array}{r} \wedge \\ 1 \ 4 \end{array}$
<p>e. $65 + 27 = \underline{92}$</p> $\begin{array}{r} \wedge \\ 20 \ 7 \end{array}$ <p>$65 + 20 = 85$ $85 + 7 = 92$</p> $\begin{array}{r} \wedge \\ 5 \ 2 \end{array}$	<p>f. $27 + 67 = \underline{94}$</p> $\begin{array}{r} \wedge \\ 20 \ 7 \end{array}$ <p>$67 + 20 = 87$ $87 + 7 = 94$</p> $\begin{array}{r} \wedge \\ 3 \ 4 \end{array}$
<p>g. $49 + 39 = \underline{88}$</p> $\begin{array}{r} \wedge \\ 48 \ 1 \end{array}$ <p>$39 + 1 = 40$ $40 + 48 = 88$</p>	<p>h. $38 + 58 = \underline{96}$</p> $\begin{array}{r} \wedge \\ 30 \ 8 \end{array}$ <p>$58 + 30 = 88$ $88 + 8 = 96$</p> $\begin{array}{r} \wedge \\ 2 \ 6 \end{array}$

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1. Solve using quick tens and ones drawings. Remember to line up your tens with tens and ones with ones. Write the total below your drawing.



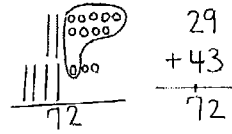
<p>a. $39 + 42 = \underline{81}$</p>	<p>b. $48 + 36 = \underline{84}$</p>
<p>c. $31 + 48 = \underline{79}$</p>	<p>d. $47 + 34 = \underline{81}$</p>
<p>e. $57 + 39 = \underline{96}$</p>	<p>f. $58 + 27 = \underline{85}$</p>

2. Solve using quick tens and ones. Remember to line up your tens with tens and ones with ones. Write the total below your drawing.

<p>a. $59 + 25 = \underline{84}$</p> <p>84</p>	<p>b. $48 + 42 = \underline{90}$</p> <p>90</p>
<p>c. $39 + 53 = \underline{92}$</p> <p>92</p>	<p>d. $78 + 14 = \underline{92}$</p> <p>92</p>
<p>e. $57 + 25 = \underline{82}$</p> <p>82</p>	<p>f. $69 + 27 = \underline{96}$</p> <p>96</p>

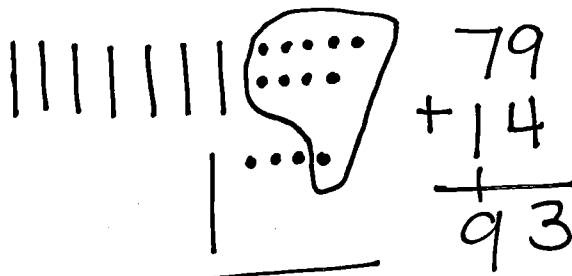
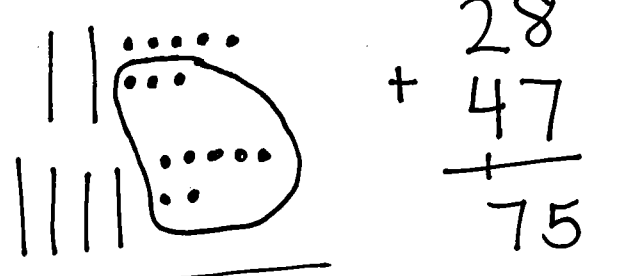
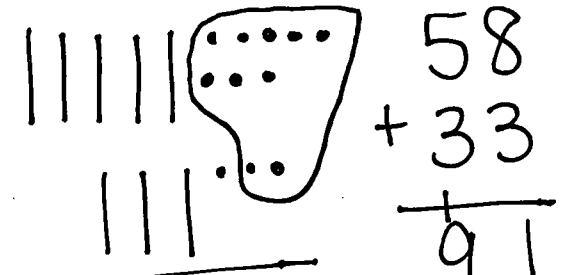
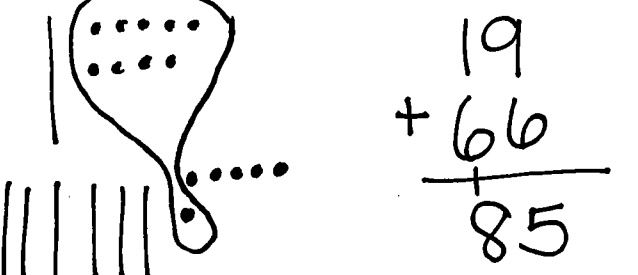
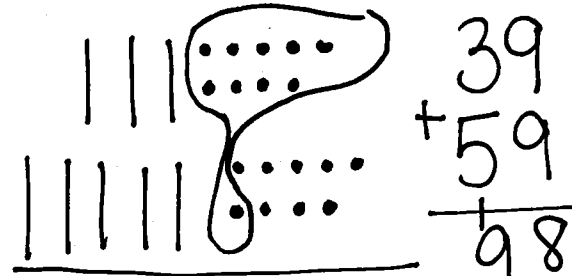
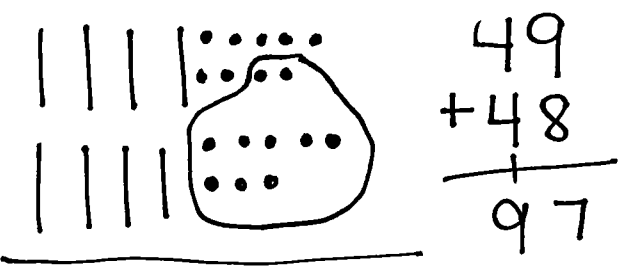
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1. Solve using quick tens and ones drawings. Remember to line up your drawings and rewrite the number sentence vertically.



<p>a. $39 + 45 = \underline{84}$</p>	<p>b. $64 + 28 = \underline{92}$</p>
<p>c. $47 + 38 = \underline{85}$</p>	<p>d. $53 + 27 = \underline{80}$</p>
<p>e. $38 + 48 = \underline{86}$</p>	<p>f. $53 + 45 = \underline{98}$</p>

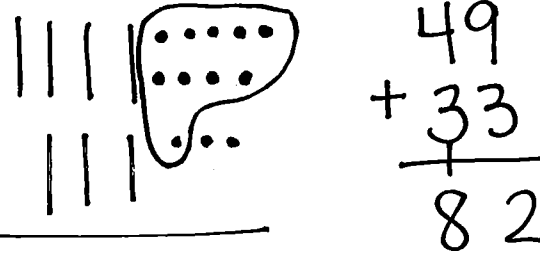
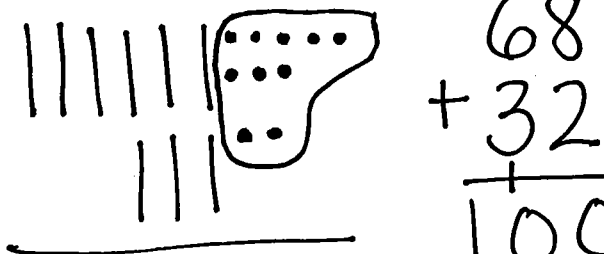
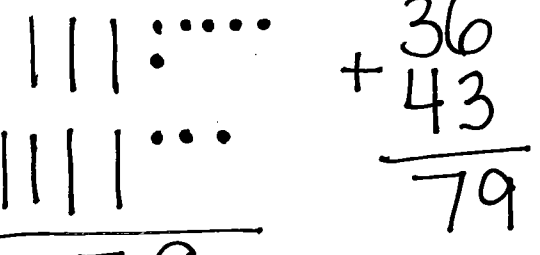
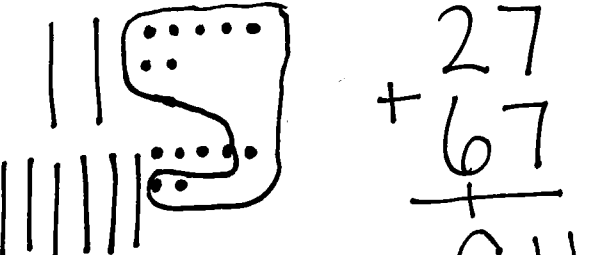
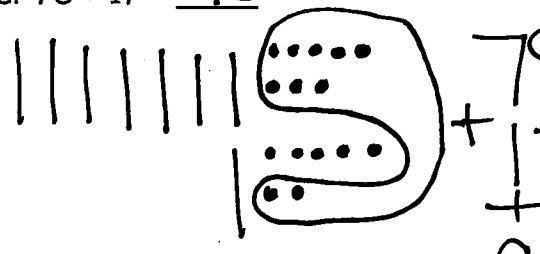
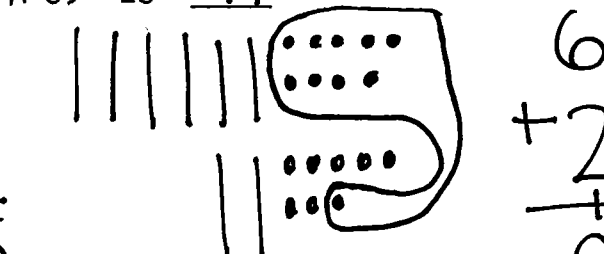
2. Solve using quick tens and ones. Remember to line up your drawings and rewrite the number sentence vertically.

<p>a. $79 + 14 = \underline{93}$</p>  <p style="text-align: right;"> $\begin{array}{r} 79 \\ + 14 \\ \hline 93 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">93</p>	<p>b. $28 + 47 = \underline{75}$</p>  <p style="text-align: right;"> $\begin{array}{r} 28 \\ + 47 \\ \hline 75 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">75</p>
<p>c. $58 + 33 = \underline{91}$</p>  <p style="text-align: right;"> $\begin{array}{r} 58 \\ + 33 \\ \hline 91 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">91</p>	<p>d. $19 + 66 = \underline{85}$</p>  <p style="text-align: right;"> $\begin{array}{r} 19 \\ + 66 \\ \hline 85 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">85</p>
<p>e. $39 + 59 = \underline{98}$</p>  <p style="text-align: right;"> $\begin{array}{r} 39 \\ + 59 \\ \hline 98 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">98</p>	<p>f. $49 + 48 = \underline{97}$</p>  <p style="text-align: right;"> $\begin{array}{r} 49 \\ + 48 \\ \hline 97 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">97</p>

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1. Solve using quick tens and ones drawings. Remember to line up your tens and ones and rewrite the number sentence vertically.

<p>a. $49 + 33 = \underline{82}$</p>  <p style="text-align: right;"> $\begin{array}{r} 49 \\ + 33 \\ \hline 82 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">82</p>	<p>b. $68 + 32 = \underline{100}$</p>  <p style="text-align: right;"> $\begin{array}{r} 68 \\ + 32 \\ \hline 100 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">100</p>
<p>c. $36 + 43 = \underline{79}$</p>  <p style="text-align: right;"> $\begin{array}{r} 36 \\ + 43 \\ \hline 79 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">79</p>	<p>d. $27 + 67 = \underline{94}$</p>  <p style="text-align: right;"> $\begin{array}{r} 27 \\ + 67 \\ \hline 94 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">94</p>
<p>e. $78 + 17 = \underline{95}$</p>  <p style="text-align: right;"> $\begin{array}{r} 78 \\ + 17 \\ \hline 95 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">95</p>	<p>f. $69 + 28 = \underline{97}$</p>  <p style="text-align: right;"> $\begin{array}{r} 69 \\ + 28 \\ \hline 97 \end{array}$ </p> <p style="text-align: center; font-size: 2em;">97</p>

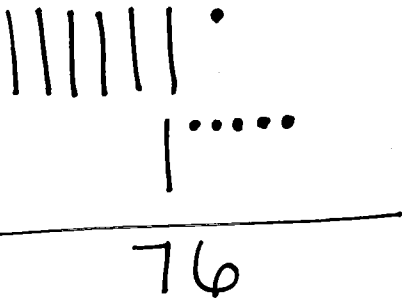
2. Solve using quick tens and ones drawings. Remember to line up your tens and ones and rewrite the number sentence vertically.

<p>a. $29 + 52 = \underline{81}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 29 \\ + 52 \\ \hline 81 \end{array}$ </p>	<p>b. $58 + 31 = \underline{89}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 58 \\ + 31 \\ \hline 89 \end{array}$ </p>
<p>c. $73 + 26 = \underline{99}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 73 \\ + 26 \\ \hline 99 \end{array}$ </p>	<p>d. $67 + 28 = \underline{95}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 67 \\ + 28 \\ \hline 95 \end{array}$ </p>
<p>e. $41 + 59 = \underline{100}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 41 \\ + 59 \\ \hline 100 \end{array}$ </p>	<p>f. $48 + 45 = \underline{93}$</p> <p style="margin-left: 150px;"> $\begin{array}{r} 48 \\ + 45 \\ \hline 93 \end{array}$ </p>

Name Answer KeyDate Mod. 6Use any method you prefer to solve the problems below. *★ Strategies may vary.*

1.

$61 + 15 = \underline{76}$



2.

$$\begin{array}{r} 16 + 51 = \underline{67} \\ \wedge \quad \wedge \\ 10 \ 6 \ 50 \ 1 \end{array}$$

$10 + 50 = 60$

$6 + 1 = 7$

$60 + 7 = 67$

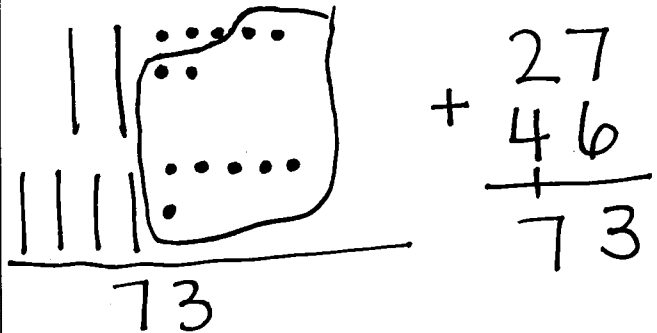
3.

$37 + 45 = \underline{82}$

$$\begin{array}{r} + 37 \\ 45 \\ \hline 82 \end{array}$$

4.

$27 + 46 = \underline{73}$



5.

$58 + 27 = \underline{85}$

$$\begin{array}{r} \wedge \\ 2 \ 25 \end{array}$$

$58 + 2 = 60$

$60 + 25 = 85$

6.

$38 + 48 = \underline{86}$

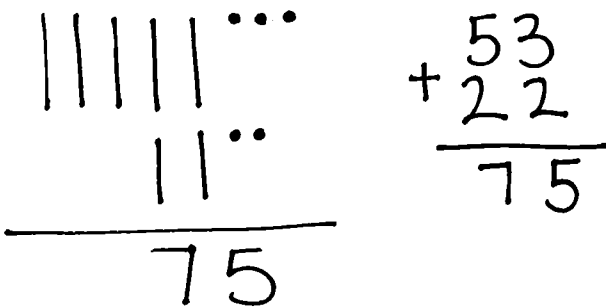
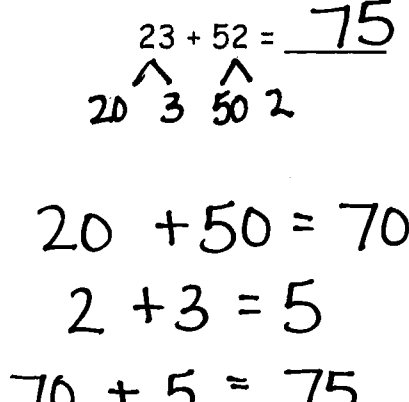
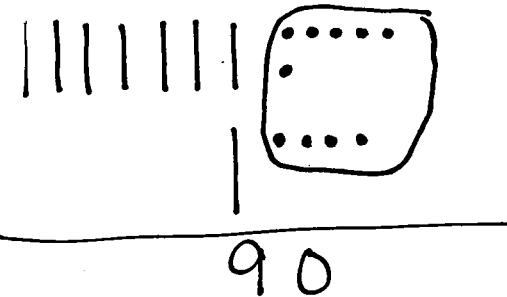
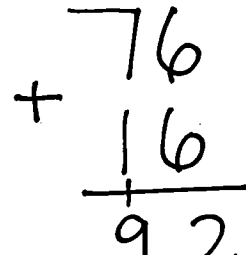
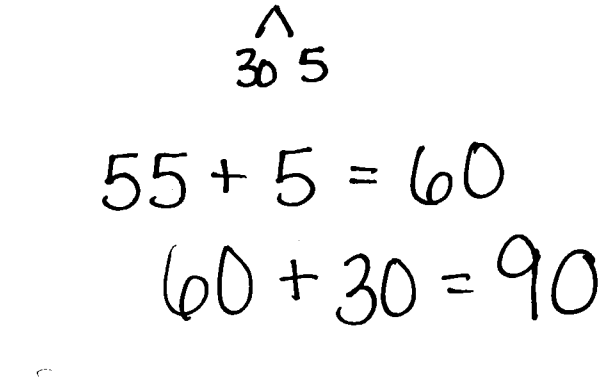
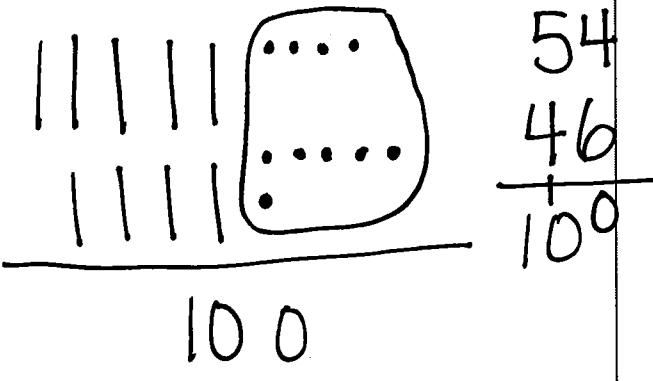
$$\begin{array}{r} 38 \\ + 48 \\ \hline 86 \end{array}$$

★ Strategies may vary

Name Answer Key

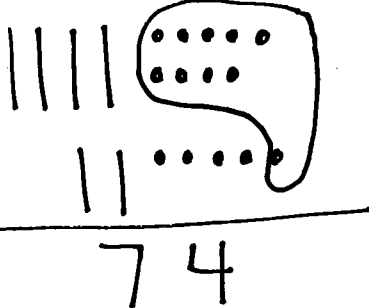
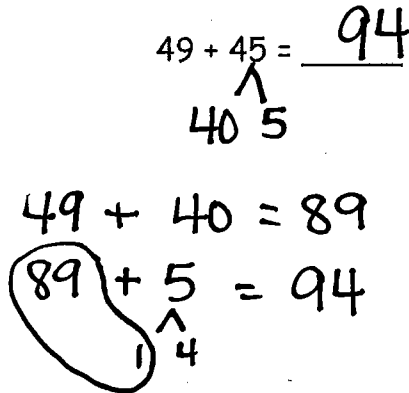
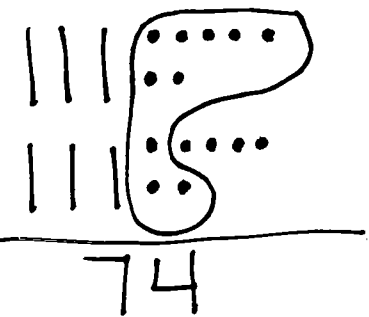
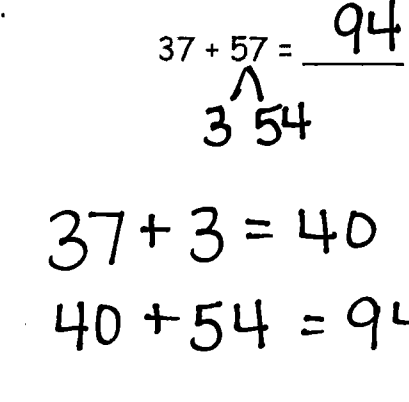
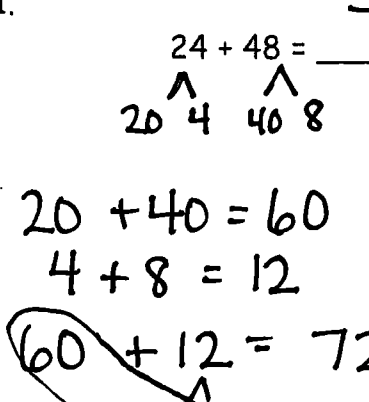
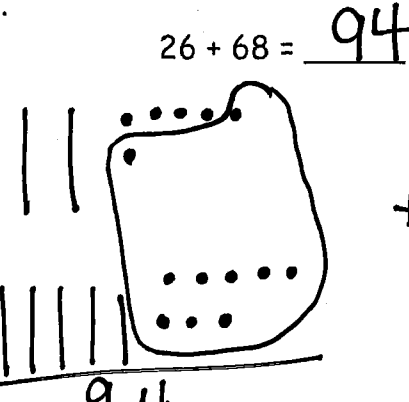
Date Mod. 6

Use the strategy you prefer to solve the problems below.

<p>1.</p> $53 + 22 = \underline{75}$ 	<p>2.</p> $23 + 52 = \underline{75}$ 
<p>3.</p> $76 + 14 = \underline{90}$ 	<p>4.</p> $76 + 16 = \underline{92}$ 
<p>5.</p> $55 + 35 = \underline{90}$ 	<p>6.</p> $54 + 46 = \underline{100}$ 

* Strategies may vary

Use the strategy you prefer to solve the problems below.

<p>7.</p> $49 + 25 = \underline{74}$  $\begin{array}{r} 49 \\ + 25 \\ \hline 74 \end{array}$	<p>8.</p> $49 + 45 = \underline{94}$  $\begin{array}{r} 49 + 40 = 89 \\ 89 + 5 = 94 \end{array}$
<p>9.</p> $37 + 37 = \underline{74}$  $\begin{array}{r} 37 \\ + 37 \\ \hline 74 \end{array}$	<p>10.</p> $37 + 57 = \underline{94}$  $\begin{array}{r} 37 + 3 = 40 \\ 40 + 54 = 94 \end{array}$
<p>11.</p> $24 + 48 = \underline{72}$  $\begin{array}{r} 20 + 40 = 60 \\ 4 + 8 = 12 \\ 60 + 12 = 72 \end{array}$	<p>12.</p> $26 + 68 = \underline{94}$  $\begin{array}{r} 26 \\ + 68 \\ \hline 94 \end{array}$

Name Answer Key

Date Mod. 6

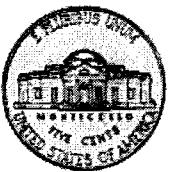
1. Match.

2. Cross off some pennies so the remaining pennies show the value of the coin to their left.

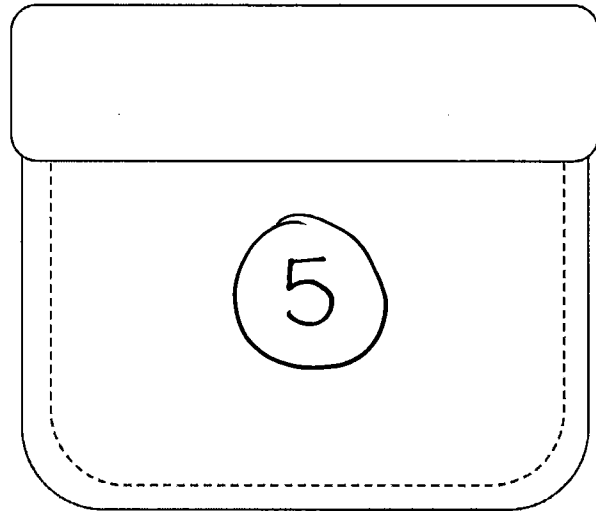
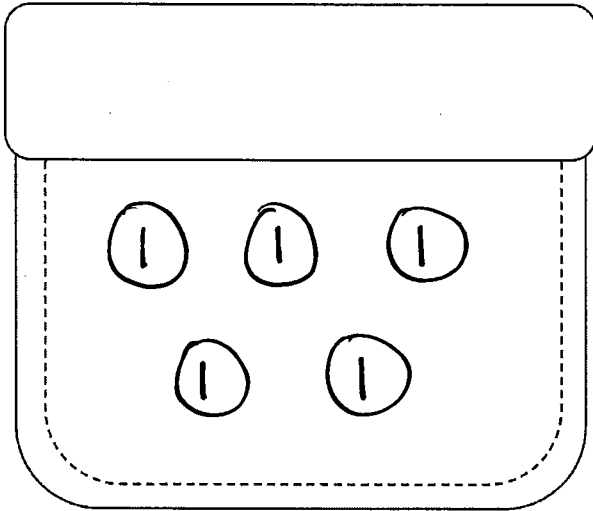
a.



b.



3. Maria has 5 cents in her pocket. Draw coins to show two different ways she could have 5 cents.



4. Solve. Draw a line to match the number sentence with the coin (or coins) that give the answer.

a. $10 \text{ cents} + 10 \text{ cents} = \underline{20} \text{ cents}$

b. $10 \text{ cents} - 5 \text{ cents} = \underline{5} \text{ cents}$

c. $20 \text{ cents} - 10 \text{ cents} = \underline{10} \text{ cents}$

d. $9 \text{ cents} - 8 \text{ cents} = \underline{1} \text{ cent}$

