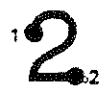


Tips for teaching the touchpoints

The TOUCH MATH touching/counting pattern has been carefully researched and is designed to provide immediate success for learners. It is important that the correct touching/counting pattern be used consistently in order to insure success. When the dot-circle arrangement is used, it does not matter whether the dot or circle is counted first.



• The numeral one is touched at the top while counting, "One."



• The numeral two is touched at the beginning and the end of the numeral while counting, "One, two."



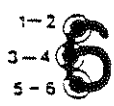
• The numeral three is touched at the beginning, middle and end of the numeral while counting, "One, two, three."



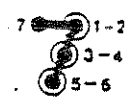
• The numeral four is touched and counted from top to bottom on the downstrokes while counting, "One, two, three, four."



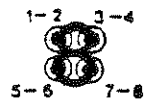
• The numeral five is touched and counted in the order pictured, "One, two, three, four, five." The fourth touchpoint may be referred to as the "belly button" to help students remember it.



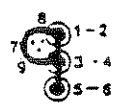
• The numeral six starts the use of dots with circles. Six is touched and counted from top to bottom, "One-two, three-four, five-six."



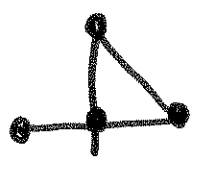
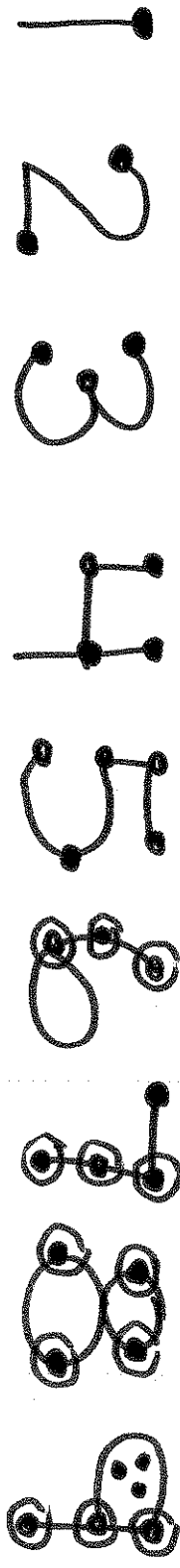
• The numeral seven is touched and counted from top to bottom, "One-two, three-four, five-six," then come back up and count, "seven." The single touch point on the seven is referred to as the nose. Tell students, "Come back up and punch the seven in the nose."



• The numeral eight is touched and counted from left to right, "One-two, three-four, five-six, seven-eight." Tell students that the eight looks like a robot. They will count his head first, then his body.



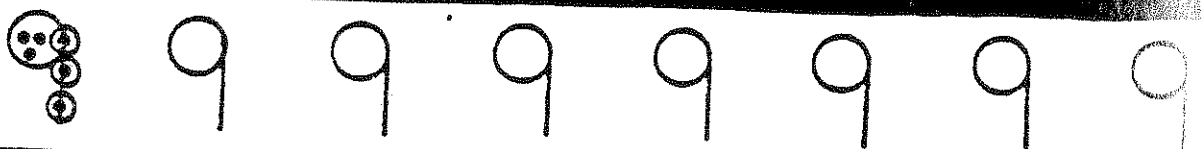
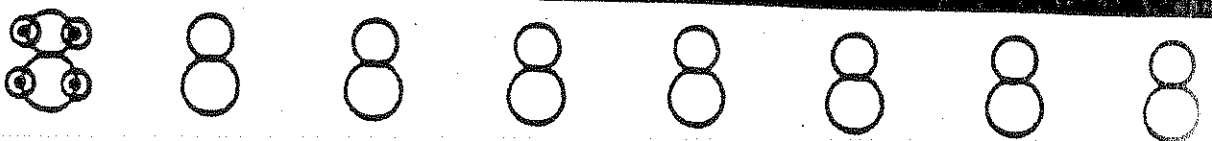
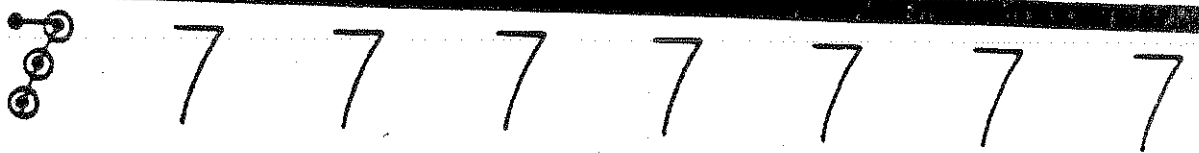
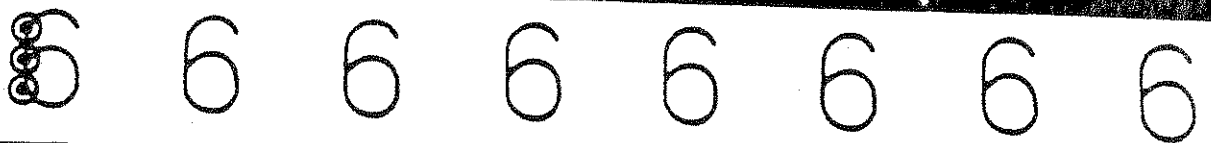
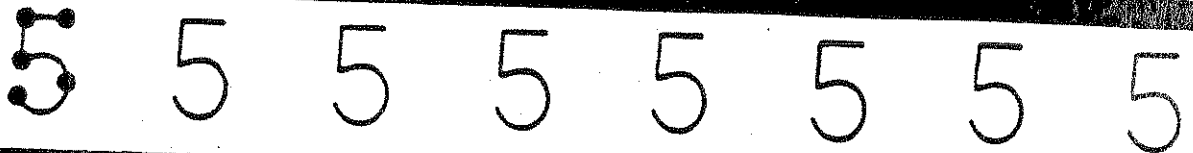
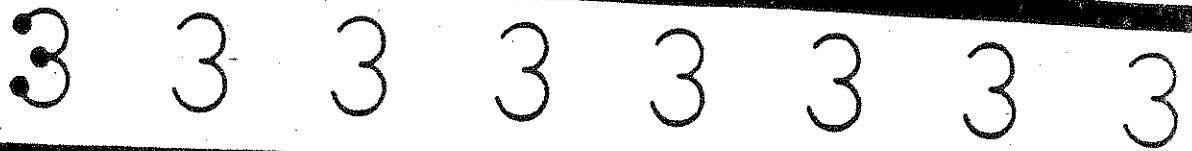
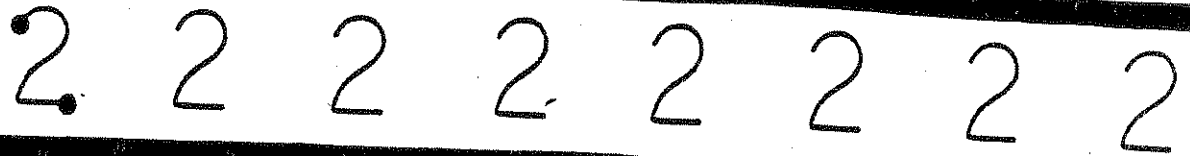
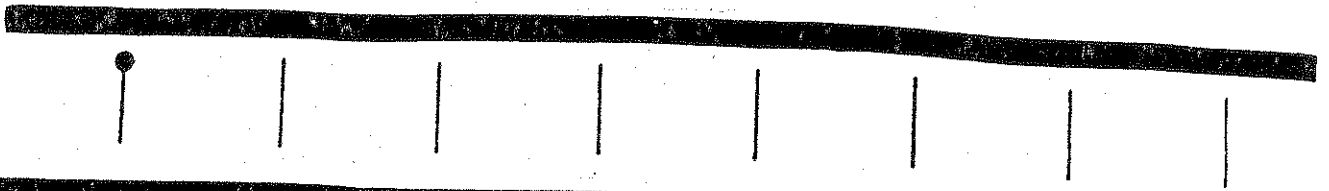
• The numeral nine is touched and counted from top to bottom, "One-two, three-four, five-six," followed by the single dots, "seven, eight, nine." Tell students that the nine has a face - eyes and nose.



alternate 4

Name _____

Put "touch points" on each numeral.



Two-Digit Addition; With Regrouping (C)

$$\begin{array}{r} 46 \\ + 83 \\ \hline \end{array} \quad \begin{array}{r} 66 \\ + 39 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ + 66 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ + 58 \\ \hline \end{array} \quad \begin{array}{r} 58 \\ + 84 \\ \hline \end{array} \quad \begin{array}{r} 77 \\ + 88 \\ \hline \end{array} \quad \begin{array}{r} 17 \\ + 52 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 29 \\ \hline \end{array} \quad \begin{array}{r} 52 \\ + 49 \\ \hline \end{array} \quad \begin{array}{r} 77 \\ + 14 \\ \hline \end{array} \quad \begin{array}{r} 29 \\ + 76 \\ \hline \end{array} \quad \begin{array}{r} 31 \\ + 71 \\ \hline \end{array} \quad \begin{array}{r} 57 \\ + 59 \\ \hline \end{array} \quad \begin{array}{r} 33 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ + 93 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ + 37 \\ \hline \end{array} \quad \begin{array}{r} 70 \\ + 78 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ + 90 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ + 70 \\ \hline \end{array} \quad \begin{array}{r} 48 \\ + 27 \\ \hline \end{array} \quad \begin{array}{r} 14 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 77 \\ \hline \end{array} \quad \begin{array}{r} 78 \\ + 30 \\ \hline \end{array} \quad \begin{array}{r} 49 \\ + 56 \\ \hline \end{array} \quad \begin{array}{r} 98 \\ + 76 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ + 59 \\ \hline \end{array} \quad \begin{array}{r} 56 \\ + 89 \\ \hline \end{array} \quad \begin{array}{r} 41 \\ + 66 \\ \hline \end{array}$$

Two-Digit Addition; With Regrouping (D)

$$\begin{array}{r} 63 \\ + 28 \\ \hline \end{array} \quad \begin{array}{r} 44 \\ + 72 \\ \hline \end{array} \quad \begin{array}{r} 82 \\ + 96 \\ \hline \end{array} \quad \begin{array}{r} 18 \\ + 11 \\ \hline \end{array} \quad \begin{array}{r} 58 \\ + 59 \\ \hline \end{array} \quad \begin{array}{r} 89 \\ + 60 \\ \hline \end{array} \quad \begin{array}{r} 42 \\ + 95 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 52 \\ \hline \end{array} \quad \begin{array}{r} 50 \\ + 33 \\ \hline \end{array} \quad \begin{array}{r} 12 \\ + 86 \\ \hline \end{array} \quad \begin{array}{r} 59 \\ + 31 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ + 95 \\ \hline \end{array} \quad \begin{array}{r} 46 \\ + 71 \\ \hline \end{array} \quad \begin{array}{r} 39 \\ + 98 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 49 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ + 67 \\ \hline \end{array} \quad \begin{array}{r} 45 \\ + 23 \\ \hline \end{array} \quad \begin{array}{r} 91 \\ + 41 \\ \hline \end{array} \quad \begin{array}{r} 97 \\ + 96 \\ \hline \end{array} \quad \begin{array}{r} 15 \\ + 68 \\ \hline \end{array} \quad \begin{array}{r} 22 \\ + 10 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 56 \\ \hline \end{array} \quad \begin{array}{r} 38 \\ + 43 \\ \hline \end{array} \quad \begin{array}{r} 26 \\ + 82 \\ \hline \end{array} \quad \begin{array}{r} 39 \\ + 53 \\ \hline \end{array} \quad \begin{array}{r} 91 \\ + 21 \\ \hline \end{array} \quad \begin{array}{r} 94 \\ + 17 \\ \hline \end{array} \quad \begin{array}{r} 65 \\ + 37 \\ \hline \end{array}$$

Two-Digit Addition; With Regrouping (D)

$$\begin{array}{r} 63 \\ + 28 \\ \hline \end{array}$$
$$\begin{array}{r} 44 \\ + 72 \\ \hline \end{array}$$
$$\begin{array}{r} 82 \\ + 96 \\ \hline \end{array}$$
$$\begin{array}{r} 18 \\ + 11 \\ \hline \end{array}$$
$$\begin{array}{r} 58 \\ + 59 \\ \hline \end{array}$$
$$\begin{array}{r} 89 \\ + 60 \\ \hline \end{array}$$
$$\begin{array}{r} 42 \\ + 95 \\ \hline \end{array}$$
$$\begin{array}{r} 25 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ + 52 \\ \hline \end{array}$$
$$\begin{array}{r} 50 \\ + 33 \\ \hline \end{array}$$
$$\begin{array}{r} 12 \\ + 86 \\ \hline \end{array}$$
$$\begin{array}{r} 59 \\ + 31 \\ \hline \end{array}$$
$$\begin{array}{r} 38 \\ + 95 \\ \hline \end{array}$$
$$\begin{array}{r} 46 \\ + 71 \\ \hline \end{array}$$
$$\begin{array}{r} 39 \\ + 98 \\ \hline \end{array}$$
$$\begin{array}{r} 27 \\ + 88 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ + 49 \\ \hline \end{array}$$
$$\begin{array}{r} 45 \\ + 67 \\ \hline \end{array}$$
$$\begin{array}{r} 45 \\ + 23 \\ \hline \end{array}$$
$$\begin{array}{r} 91 \\ + 41 \\ \hline \end{array}$$
$$\begin{array}{r} 97 \\ + 96 \\ \hline \end{array}$$
$$\begin{array}{r} 15 \\ + 68 \\ \hline \end{array}$$
$$\begin{array}{r} 22 \\ + 10 \\ \hline \end{array}$$
$$\begin{array}{r} 64 \\ + 46 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 56 \\ \hline \end{array}$$
$$\begin{array}{r} 38 \\ + 43 \\ \hline \end{array}$$
$$\begin{array}{r} 26 \\ + 82 \\ \hline \end{array}$$
$$\begin{array}{r} 39 \\ + 53 \\ \hline \end{array}$$
$$\begin{array}{r} 91 \\ + 21 \\ \hline \end{array}$$
$$\begin{array}{r} 94 \\ + 17 \\ \hline \end{array}$$
$$\begin{array}{r} 65 \\ + 37 \\ \hline \end{array}$$
$$\begin{array}{r} 47 \\ + 57 \\ \hline \end{array}$$

$$\begin{array}{r} 28 \\ + 76 \\ \hline \end{array}$$
$$\begin{array}{r} 67 \\ + 22 \\ \hline \end{array}$$
$$\begin{array}{r} 84 \\ + 55 \\ \hline \end{array}$$
$$\begin{array}{r} 58 \\ + 63 \\ \hline \end{array}$$
$$\begin{array}{r} 86 \\ + 46 \\ \hline \end{array}$$
$$\begin{array}{r} 18 \\ + 42 \\ \hline \end{array}$$
$$\begin{array}{r} 81 \\ + 92 \\ \hline \end{array}$$
$$\begin{array}{r} 15 \\ + 67 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 90 \\ \hline \end{array}$$
$$\begin{array}{r} 69 \\ + 37 \\ \hline \end{array}$$
$$\begin{array}{r} 14 \\ + 80 \\ \hline \end{array}$$
$$\begin{array}{r} 50 \\ + 24 \\ \hline \end{array}$$
$$\begin{array}{r} 13 \\ + 39 \\ \hline \end{array}$$
$$\begin{array}{r} 22 \\ + 31 \\ \hline \end{array}$$
$$\begin{array}{r} 99 \\ + 78 \\ \hline \end{array}$$
$$\begin{array}{r} 18 \\ + 61 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 72 \\ \hline \end{array}$$
$$\begin{array}{r} 32 \\ + 64 \\ \hline \end{array}$$
$$\begin{array}{r} 95 \\ + 20 \\ \hline \end{array}$$
$$\begin{array}{r} 75 \\ + 78 \\ \hline \end{array}$$
$$\begin{array}{r} 36 \\ + 15 \\ \hline \end{array}$$
$$\begin{array}{r} 86 \\ + 50 \\ \hline \end{array}$$
$$\begin{array}{r} 99 \\ + 76 \\ \hline \end{array}$$
$$\begin{array}{r} 76 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ + 83 \\ \hline \end{array}$$
$$\begin{array}{r} 46 \\ + 74 \\ \hline \end{array}$$
$$\begin{array}{r} 26 \\ + 16 \\ \hline \end{array}$$
$$\begin{array}{r} 54 \\ + 74 \\ \hline \end{array}$$
$$\begin{array}{r} 26 \\ + 62 \\ \hline \end{array}$$
$$\begin{array}{r} 87 \\ + 45 \\ \hline \end{array}$$
$$\begin{array}{r} 20 \\ + 86 \\ \hline \end{array}$$
$$\begin{array}{r} 62 \\ + 82 \\ \hline \end{array}$$