

Target Total

Module 9 - Three-Digit Addition and Subtraction

Your child is learning to add and subtract multi-digit numbers. Students are encouraged to use what they know about facts to 20 to help them add larger numbers. Use this activity to give your child practice adding with three-digit numbers.

Object of the game

The object of the game is to create an addition problem whose sum comes as close to a target number as possible without going over it.

Materials:

- Digit cards
- Paper and pencil to keep track of sums

Directions:

1. Cut out both sheets of the digit cards.
2. Each round a different player will act as the dealer.
3. The dealer shuffles the cards and deals 5 cards face down to each player.
4. The dealer then determines the target number for the game in the following way:
 - He/she places 3 additional cards from the deck face up on the table.

For example, if the 5, 2, and 7 cards are on the table, the target number could be 527, 257, 725, 752, 275, or 572.

- The dealer selects one of the possible 3-digit numbers to be the target number for the game. Each player works toward the same target number.
5. Each player uses all five of his or her digit cards to create an addition problem that comes as close to the target number as possible **without going over** the target number.
 6. The player who comes closest to the target number **without going over** receives 1 point for this round. If the sum is **exactly the same** as the target number, the player receives 5 points.
 7. At the end of the game the player who has the most points wins.

Questions to ask your child while playing:

- How did you decide on the numbers that you would add?
- How many more would you need to make the target number?
- How much closer is the winner than the other player to the target number?

Grade 2

Target Total

Module 9-Three Digit Addition and Subtraction

Digit Cards

0	1	2	3
4	5	<u>6</u>	7
8	<u>9</u>	0	<u>9</u>
8	7	<u>6</u>	5

Grade 2

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Digit Cards

0	1	2	3
4	5	<u>6</u>	7
8	<u>9</u>	0	4
3	2	1	0