

Grade 2

Close to 30

Module 6 - Two-Digit Addition and Subtraction

Your child is learning strategies to help him/her subtract two-digit numbers. Students who know number facts to ten can use this knowledge when subtracting two-digit numbers. Use this activity to give your child practice subtracting two-digit numbers.

Materials:

- Digit Cards
- *Close to 30 Recording Sheet*

Object of the game:

The goal of this game is to create a subtraction problem with a difference as close to 30 as possible.

Directions:

1. Cut out the two sheets of digit cards. Shuffle the cards and place the deck face down.
2. Player 1 takes 4 digit cards from the deck.
3. Player 1 uses the digit cards to make 2 two-digit numbers and places them on the *Close to 30 Recording Sheet*. **Remember that the goal is to create a subtraction with a difference as close to 30 as possible.** For example, if Player 1 takes the digits 3, 6, 2, and 4, he/she could make the problem $62 - 34$.

4. Player 1 subtracts and records the answer for this problem under Round 1 on the Recording Sheet.
5. Player 1's score for this round is determined by how close his/her answer is to thirty. For example,

$$\boxed{6} \boxed{2} - \boxed{3} \boxed{4} = \boxed{28}$$

$$30 - 28 = 2$$

The player's score for this round then would be **2**.

6. Player 1 records the score on the line titled **SCORE** on the Recording Sheet.
7. Player 2 repeats steps 2 - 6.
8. Players play 4 rounds and total all of their scores. The player with the lowest score wins.

Questions to ask your child while playing

- What is your strategy for subtracting?
- After round 2, you might ask, "Which player is winning and by how much?" (Remember: lowest score wins)
- Before your child computes the subtraction problem, you might ask him/her to estimate the answer?

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Module 6 - 2-Digit Addition and Subtraction
Recording Sheet

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ROUND 1 Player 1	ROUND 1 Player 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 2	ROUND 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 3	ROUND 3
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 4	ROUND 4
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____

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Recording Sheet

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ROUND 1 Player 1	ROUND 1 Player 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 2	ROUND 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 3	ROUND 3
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 4	ROUND 4
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____

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Recording Sheet

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ROUND 1 Player 1	ROUND 1 Player 2
ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 2 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 2 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 3 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 3 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 4 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 4 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____

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Recording Sheet

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ROUND 1 Player 1	ROUND 1 Player 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 2	ROUND 2
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 3	ROUND 3
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____
ROUND 4	ROUND 4
ANSWER TO SUBTRACTION _____	ANSWER TO SUBTRACTION _____
SCORE (Difference from 30) _____	SCORE (Difference from 30) _____

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Module 6 - 2-Digit Addition and Subtraction
Recording Sheet

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ROUND 1 Player 1	ROUND 1 Player 2
ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 2 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 2 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 3 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 3 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____
ROUND 4 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____	ROUND 4 ANSWER TO SUBTRACTION _____ SCORE (Difference from 30) _____

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Module 6 - Two Digit Addition and Subtraction

Digit Cards

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

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Module 6 - Two Digit Addition and Subtraction

Digit Cards

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