Two-Digit Addition with Regrouping - Grade 2 Teaching Pack

Name: _____ Date: _____

1. Check place value

Show tens and ones with labels or a drawing.

1. How many tens and ones are in 36?

2. 8 + 5 = ___

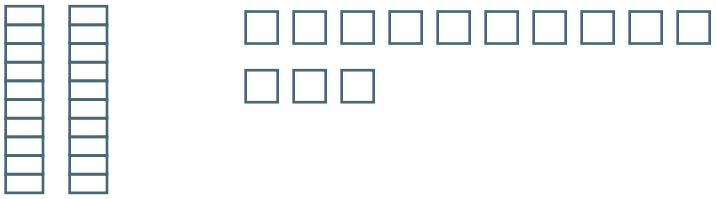
3. Write 13 ones as tens and ones.

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Name: _____ Date: _____

2. Exchange without changing value

The model shows 2 tens and 13 ones, after combining 26 and 7.



1. Circle a group of ten ones. How many ones remain?

2. How many tens are there after the exchange?

3. Finish: 26 + 7 = ___. Explain the exchange.

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Name: _____ Date: _____

3. Record the new ten

Show where the exchanged ten is recorded.

1. 27 + 16 = ___

2. 38 + 24 = ___

3. 46 + 17 = ___

4. Explain why 38 + 24 needs an exchange.

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Name: _____ Date: _____

4. Find the missing ten

Use place value to justify your answer.

1. A class has 28 pencils and gets 15 more. How many now?

2. Sam writes 28 + 15 = 33. Explain and correct the error.

3. Show a second way to check 28 + 15.

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Name: _____ Date: _____

5. Calculate and explain

Try independently, then discuss your reasoning.

1. 35 + 27 = ___

2. How many ones are exchanged in that sum?

3. Does 32 + 14 need regrouping? Explain.

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Learning goal

Explain exchanging ten ones for one ten and connect the model to written addition.

Before assigning

Add within twenty and identify tens and ones in a two-digit number.

Suggested use

Use across three short sessions: start check and supported practice; independent practice and application; exit check and discussion. Allow about 15-20 minutes per session and adjust to readiness.

Choose support

If the start check is difficult, model with objects or read aloud, then retry a parallel example. If it is comfortable, move to independent practice. Do not use a single score as a mastery label.

Watch for

An exchanged ten must be included in the tens total.

Review the exit check

Look for an accurate response plus a relevant explanation or model. Revisit the supported page when the explanation is missing. Offer a new example when the learner can explain independently.

Language and review scope

Original practice with editorial and automated checks; no independent specialist review is claimed. In reading packs, English passages remain English in the Chinese support edition.

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Match the stage and question number to the student sheet.

1. Check place value

1. 3 tens and 6 ones.
2. 13
3. 1 ten and 3 ones.

2. Exchange without changing value

1. 3
2. 3
3. 33. Ten ones become one ten; 3 ones remain.

3. Record the new ten

1. 43
2. 62
3. 63
4. 8 + 4 = 12 ones, enough to exchange 10 for a ten.

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Match the stage and question number to the student sheet.

4. Find the missing ten

1. 43
2. 8 + 5 = 13; Sam omitted the exchanged ten. The total is 43.
3. For example, 28 + 10 = 38; 38 + 5 = 43.

5. Calculate and explain

1. 62
2. 10 ones.
3. No; 2 + 4 = 6 ones, fewer than ten.