

Two-Digit Addition: Regroup a Ten

Add two-digit numbers using place-value strategies, including regrouping when ten ones are made.

LEARN • PRACTISE • CREATE • REFLECT

Original BrightPencil Kids resource - adult-led where appropriate

A4 edition • 12 purposeful pages • review copy

Print. Learn. Grow.

Grown-up guide

Learning objective

Add two-digit numbers using place-value strategies, including regrouping when ten ones are made.

Use this pack well

- Model the first example aloud, then let the learner try.
- Ask “How do you know?” more often than “Are you finished?”.
- Use real objects, talk, movement or observation when the activity suggests it.
- Stop or shorten the session if attention or enjoyment drops.
- Open-ended pages can have many successful answers.

Quality note

This resource was written originally for BrightPencil Kids. Curriculum sources informed scope and progression only; no third-party worksheet or story text is reproduced.

Learn the idea

1 Add ones and tens while preserving place value.

2 Ten ones can be regrouped as one ten.

3 Mental strategies and written methods should connect to quantities.

Talk about it

Explain one idea in your own words. Give an example from real life, a drawing or an object if that helps.

Add $24+13$ without regrouping.

Model 28+17 and trade ten ones for one ten.

Solve $36+29$ using a place-value drawing.

Estimate whether $47+35$ is closer to 60, 80 or 100.

Explain one solution in words.

Try it beyond the page

Real-world / hands-on connection

Use counters or base-ten drawings to physically regroup ten ones into one ten.

Before you finish

What did you notice?

What evidence, object or example helped you?

What would you change if you tried again?

Create something

Your project

Create an addition example that must regroup and show it in two representations.

Use this space for planning, drawing, mapping, designing or notes.

CHALLENGE

Think deeper

1. Why can ten ones be traded for one ten?

2. What is $28+17$?

3. Why estimate before/after calculating?

Quick review

1. In one sentence, explain the big idea of “Two-Digit Addition: Regroup a Ten”.

2. Draw or write one example that shows you understand.

3. Choose one activity from this pack and explain the strategy you used.

4. Write one question you still have.

Answer & discussion notes

Use these as guidance, not scripts. Open questions can have different successful responses when the reasoning is sensible and evidence-based.

1. Suggested response

They have equal value.

2. Suggested response

45.

3. Suggested response

To check whether an answer is reasonable.

Review before publication

Check age fit, factual accuracy, clarity, accessibility, rights provenance and whether the activity works in practice. This file remains a review copy until those checks are signed off.

FINISH

My learning reflection

I finished this BrightPencil learning pack.

One thing I understand better now:

A strategy that helped me:

Something I created or noticed:

My next small question or goal:

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