BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 11

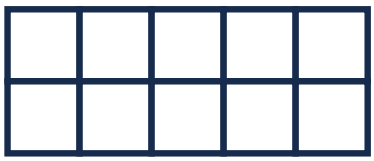
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 11 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

1 1 1 1 1 1

4 Find every 11

16	17	11
15	14	13
11	11	19

5 Finish the row

	11	12

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 11

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 12

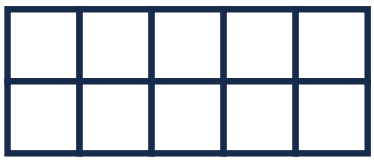
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 12 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

12 12 12

4 Find every 12

13	12	12
19	18	11
20	12	15

5 Finish the row

11	12	

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 12

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 13

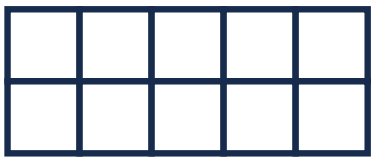
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 13 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

13 13 13

4 Find every 13

19	13	11
13	14	12
13	15	18

5 Finish the row

	13	14

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 13

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 14

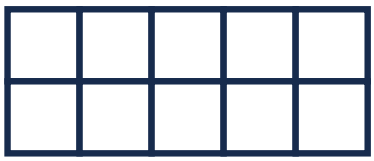
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 14 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

14 14 14

4 Find every 14

20	15	14
17	19	11
14	14	18

5 Finish the row

13	14	

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 14

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 15

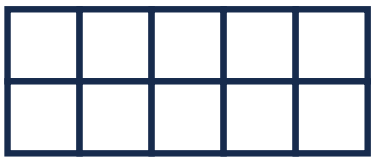
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 15 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

15 15 15

4 Find every 15

13	11	15
20	18	15
12	15	17

5 Finish the row

	15	16

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 15

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 16

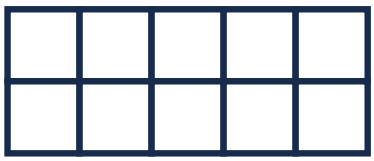
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 16 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

16 16 16

4 Find every 16

15	14	20
19	16	16
11	13	16

5 Finish the row

15	16	

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 16

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 17

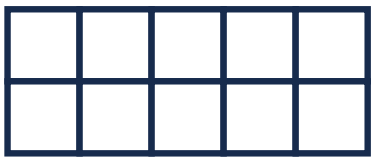
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 17 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

17 17 17

4 Find every 17

15	20	17
13	18	12
17	17	14

5 Finish the row

	17	18

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 17

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 18

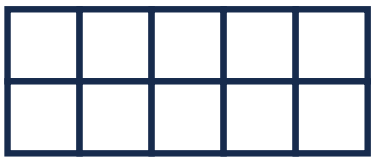
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 18 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

18 18 18

4 Find every 18

18	18	11
19	18	12
20	17	15

5 Finish the row

17	18	

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 18

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 19

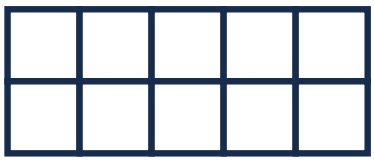
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 19 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

19 19 19

4 Find every 19

11	16	19
14	19	19
13	20	12

5 Finish the row

	19	20

6 Write the number sentence

Tens value + extra ones = the number

_____ + _____ = 19

BundleBrain STUDIO
TACTILE PAPER PRINTABLES

Build number 20

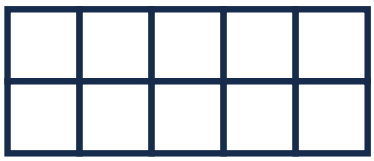
Build it. Trace it. Find it. Put it in order.

1 Fill the frames

Colour 20 boxes. Fill a whole ten first.

FIRST TEN

NEXT TEN



Count row by row, from left to right.

2 Tens and ones

TENS	ONES

Make full groups of ten first.

3 Trace it. Then write it.

20 20 20

4 Find every 20

17	20	13
20	16	20
19	12	15

5 Finish the row

18		20

6 Write the number sentence

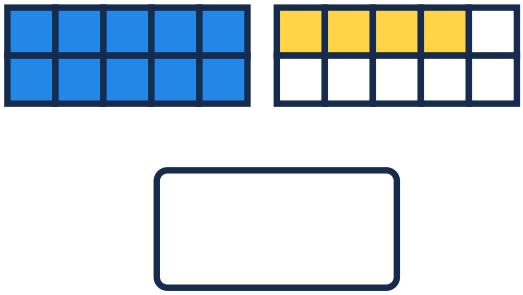
Tens value + extra ones = the number

_____ + _____ = 20

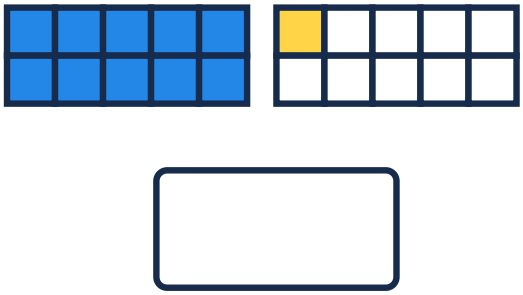
Count the models

Count complete tens and extra ones. Write the number in each box.

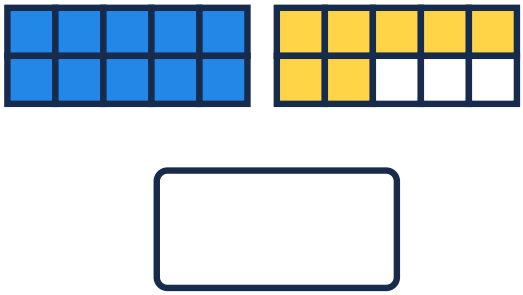
1 Count and write



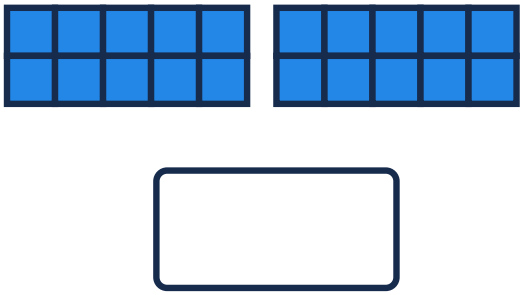
2 Count and write



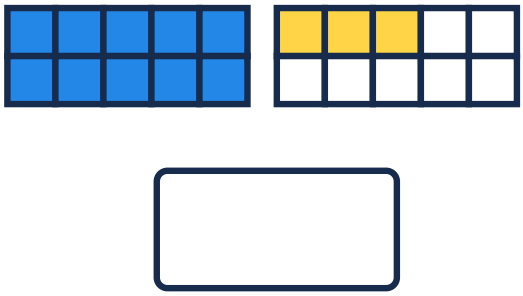
3 Count and write



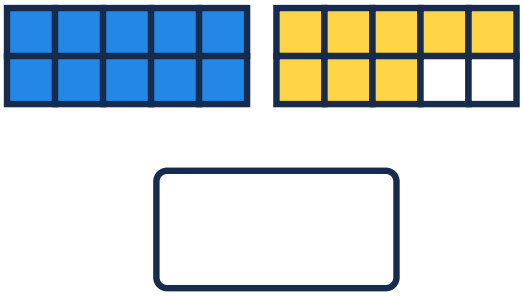
4 Count and write



5 Count and write



6 Count and write



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Missing-number workout

Fill one gap in every row. Stay in the numbers 10–20.

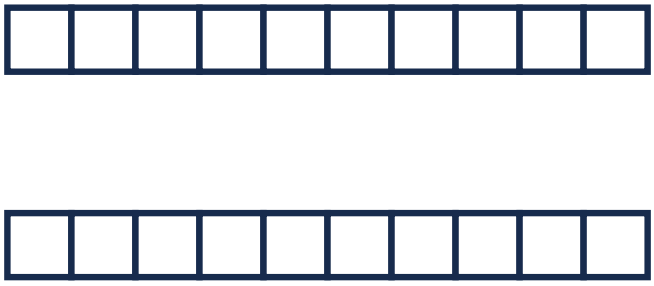
1	10		12
2	11		13
3		14	15
4	15	16	
5	16		18
6	18		20
7	12	13	
8		18	19

Build a number with pieces

Use the ten-strips and single squares on page 14. Keep the pieces loose.

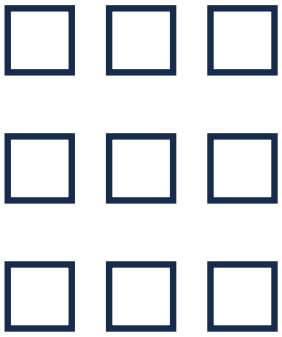
MY NUMBER: ☐

TENS / COMPLETE STRIPS



One whole strip = ten.

ONES / SINGLE SQUARES



Keep 0–9 extra ones.

Say it. Write it. Build it again.

TENS	ONES	NUMBER
☐	☐	☐

20 needs TWO ten-strips and ZERO single squares.

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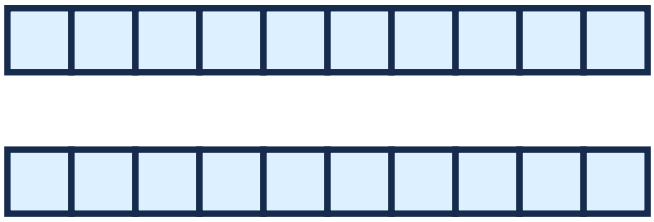
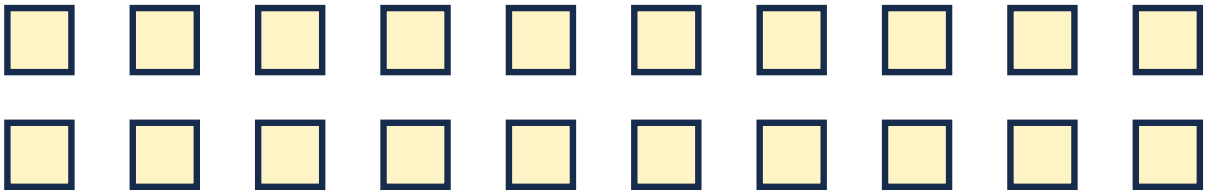
TACTILE PAPER PRINTABLES

Reusable number pieces

A grown-up cuts around whole strips, single squares and number cards.



Keep each ten-cell strip together.



Loose squares are ones. One square fits one mat space.

11	12	13	14	15
16	17	18	19	20

Use one target card. Build it, clear the mat, and choose another.

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TACTILE PAPER PRINTABLES

Make practice manageable

Suggested ages 5–7 with support, when counting to ten is secure.

ONE FOCUS PAGE AT A TIME

Pages 1–10 give six short tasks for every number from 11 to 20.

Use a pencil or crayons. Pick two tasks now and return for the others.

GROUPING MATTERS

A complete ten-frame or connected strip represents one group of ten.

For 14, use one complete ten and four extra ones.

20 is TWO complete tens and ZERO extra ones. Its split is 20 + 0.

MIXED PRACTICE

Page 11 has models without a target number at the top.

Page 12 practises number order. Use the answers after the child tries.

OPTIONAL REUSABLE PIECES

Print pages 13–14 at 100%. Each connected strip contains ten cells.

Cut around each WHOLE strip. The single squares match the mat cells.

Show a target number, build it, say it, then write the tens and ones.

TRACE, THEN TRY

Follow the dotted number with a pencil. Start at the coloured dots.

Then write one number independently. Go at the child’s pace.

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Number practice answers

Circle positions are counted left to right, then down.

Page / tens / ones / circle positions / row gap / number sentence

11: 1 ten(s), 1 one(s) / 3,7,8 / 10 / 10 + 1 = 11

12: 1 ten(s), 2 one(s) / 2,3,8 / 13 / 10 + 2 = 12

13: 1 ten(s), 3 one(s) / 2,4,7 / 12 / 10 + 3 = 13

14: 1 ten(s), 4 one(s) / 3,7,8 / 15 / 10 + 4 = 14

15: 1 ten(s), 5 one(s) / 3,6,8 / 14 / 10 + 5 = 15

16: 1 ten(s), 6 one(s) / 5,6,9 / 17 / 10 + 6 = 16

17: 1 ten(s), 7 one(s) / 3,7,8 / 16 / 10 + 7 = 17

18: 1 ten(s), 8 one(s) / 1,2,5 / 19 / 10 + 8 = 18

19: 1 ten(s), 9 one(s) / 3,5,6 / 18 / 10 + 9 = 19

20: 2 ten(s), 0 one(s) / 2,4,6 / 19 / 20 + 0 = 20

PAGE 11 / COUNT THE MODELS

1–6: 14, 11, 17, 20, 13, 18

PAGE 12 / MISSING NUMBERS

1–8: 11, 12, 13, 17, 17, 19, 14, 17

Frames: colour exactly the page number of cells.

For 20, both frames are full: 2 tens, 0 ones, 20 + 0 = 20.