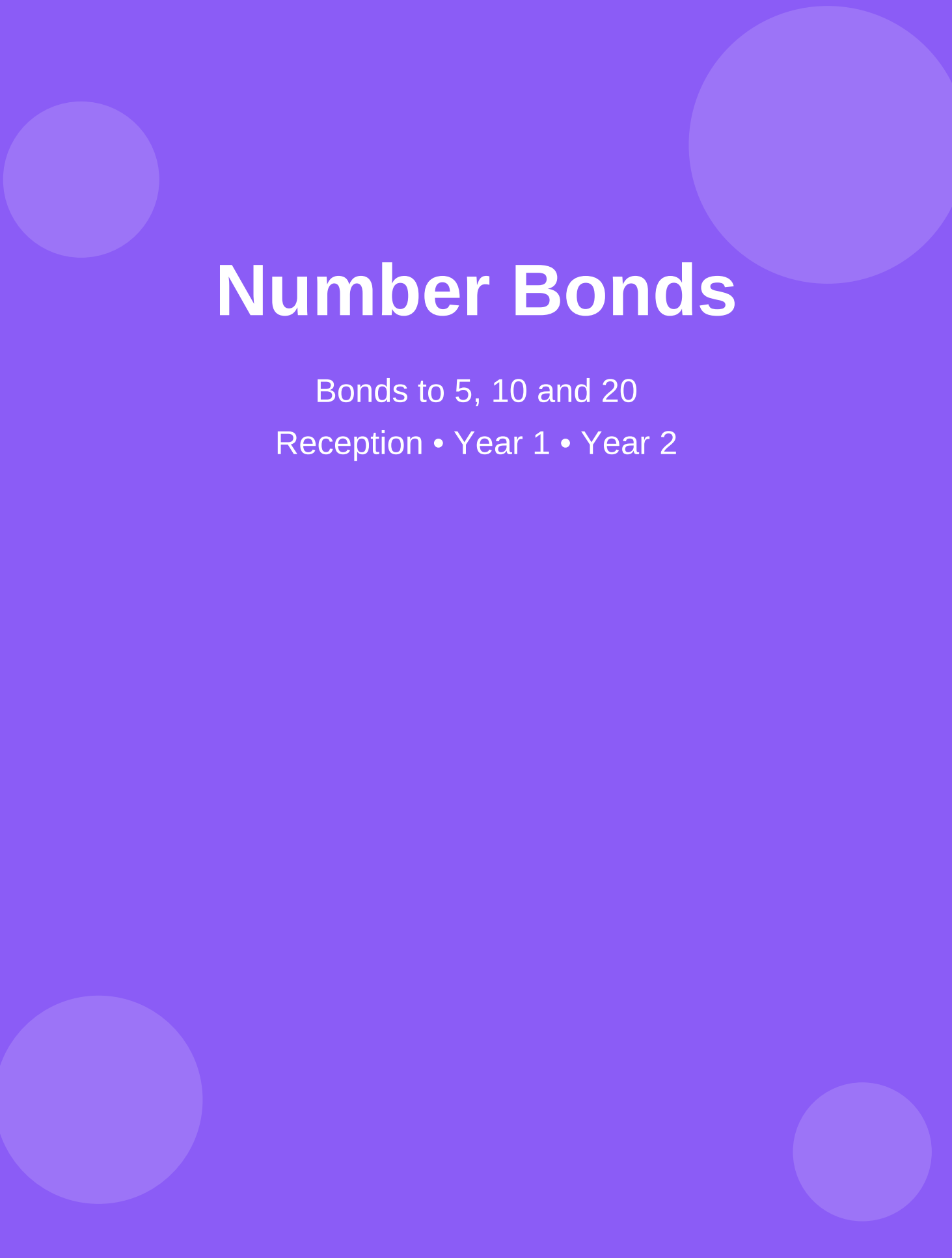




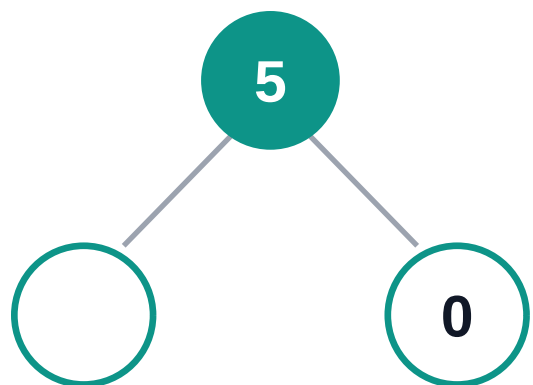
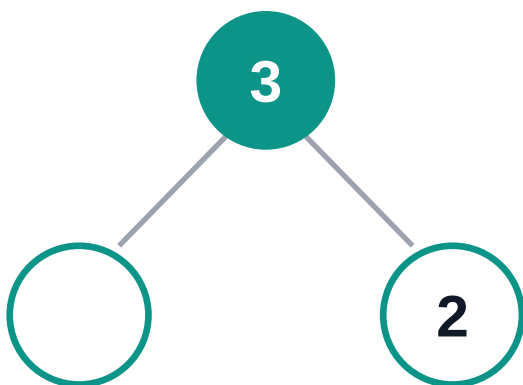
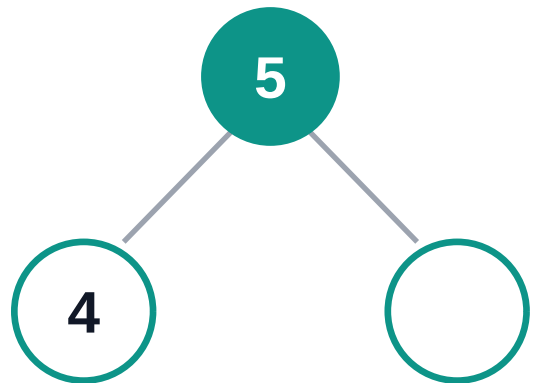
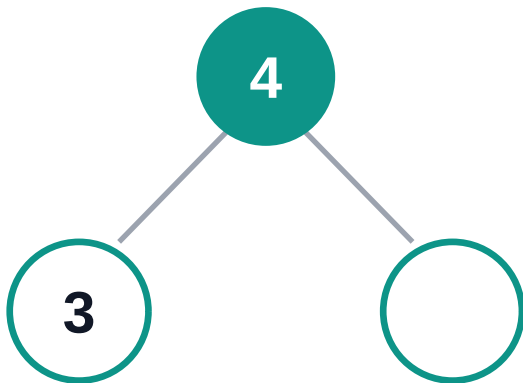
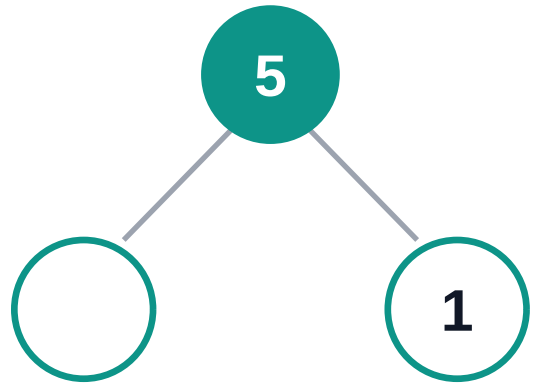
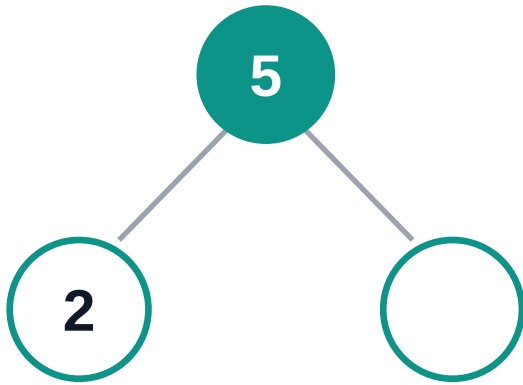
Number Bonds

Bonds to 5, 10 and 20

Reception • Year 1 • Year 2

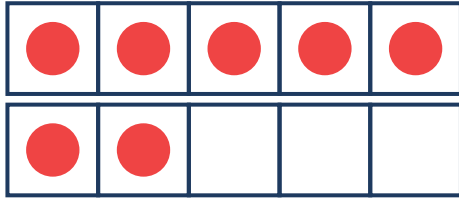
Number Bonds to 5

Fill in the missing part. The two parts make the whole.

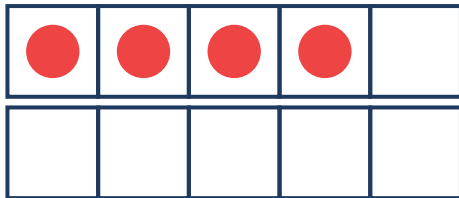


Number Bonds to 10 — Ten Frames

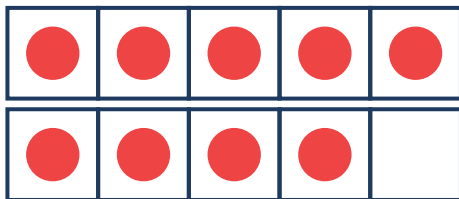
Count the dots. Write how many more make 10.



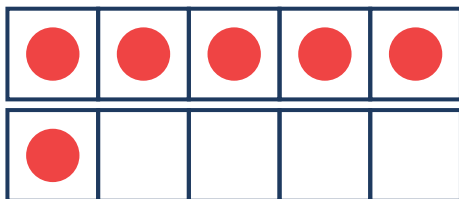
$$7 + \boxed{} = 10$$



$$4 + \boxed{} = 10$$



$$9 + \boxed{} = 10$$



$$6 + \boxed{} = 10$$

Number Bonds to 10

Write the missing number in each box.

$3 + \underline{\quad} = 10$

$10 = 6 + \underline{\quad}$

$8 + \underline{\quad} = 10$

$\underline{\quad} + 5 = 10$

$10 = \underline{\quad} + 1$

$7 + \underline{\quad} = 10$

$\underline{\quad} + 9 = 10$

$10 = 4 + \underline{\quad}$

Number Bonds to 20

Year 2 challenge! Write the missing number.

$12 + \underline{\quad} = 20$

$20 = 15 + \underline{\quad}$

$7 + \underline{\quad} = 20$

$\underline{\quad} + 11 = 20$

$20 = \underline{\quad} + 3$

$16 + \underline{\quad} = 20$

$\underline{\quad} + 8 = 20$

$20 = 9 + \underline{\quad}$

$13 + \underline{\quad} = 20$

$20 = \underline{\quad} + 17$

Fact Families

Use each number bond to write 2 additions and 2 subtractions.

3 7 10

$3 + 7 = \underline{\quad}$

$7 + 3 = \underline{\quad}$

$10 - 3 = \underline{\quad}$

$10 - 7 = \underline{\quad}$

5 5 10

$5 + 5 = \underline{\quad}$

$5 + 5 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

$10 - 5 = \underline{\quad}$

4 16 20

$4 + 16 = \underline{\quad}$

$16 + 4 = \underline{\quad}$

$20 - 4 = \underline{\quad}$

$20 - 16 = \underline{\quad}$

Answer Key

For parents and teachers

Bonds to 5 (in order)

3, 4, 1, 1, 1, 5

Ten Frames — more to make 10

7 needs 3 • 4 needs 6 • 9 needs 1 • 6 needs 4

Bonds to 10 (in order)

7, 4, 2, 5, 9, 3, 1, 6

Bonds to 20 (in order)

8, 5, 13, 9, 17, 4, 12, 11, 7, 3

Fact Families

$3+7=10$, $7+3=10$, $10-3=7$, $10-7=3$ • $5+5=10$, $10-5=5$ • $4+16=20$, $16+4=20$, $20-4=16$, $20-16=4$