Year 1 Maths Worksheets

Free printable pack

Ten printable worksheets for ages 5 to 6, matched to the Year 1 curriculum: counting to 20, one more and one less, pairs that make 10, adding and taking away, doubles, shapes, lengths, clocks and coins, with every answer at the back.

What's inside

1	Counting up to 20	Year 1
2	One more and one less	Year 1
3	Pairs that make 10	Year 1
4	Adding numbers up to 20	Year 1
5	Taking away	Year 1
6	Doubles and halves	Year 1
7	Know your 2D shapes	Year 1
8	Longer, shorter and measuring	Year 1
9	O'clock and half past	Year 1
10	Coins up to 20p	Year 1

A five-year-old's attention is short, so treat one part of one sheet as a session and stop while it's still fun. Answers to every question are at the back.

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Counting up to 20

Count the stars in each box and write how many. Then fill in the missing numbers on each number track.

A. How many stars?

B. Missing numbers

0	1	2		4	5	6	
8		10	11		13	14	15
12	13		15	16	17		19

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One more and one less

Write the number that is one less and the number that is one more than the number in the middle.

A. Fill in both sides

one less		one more
	14	
	18	
	16	
	7	
	12	
	3	
	8	
	11	

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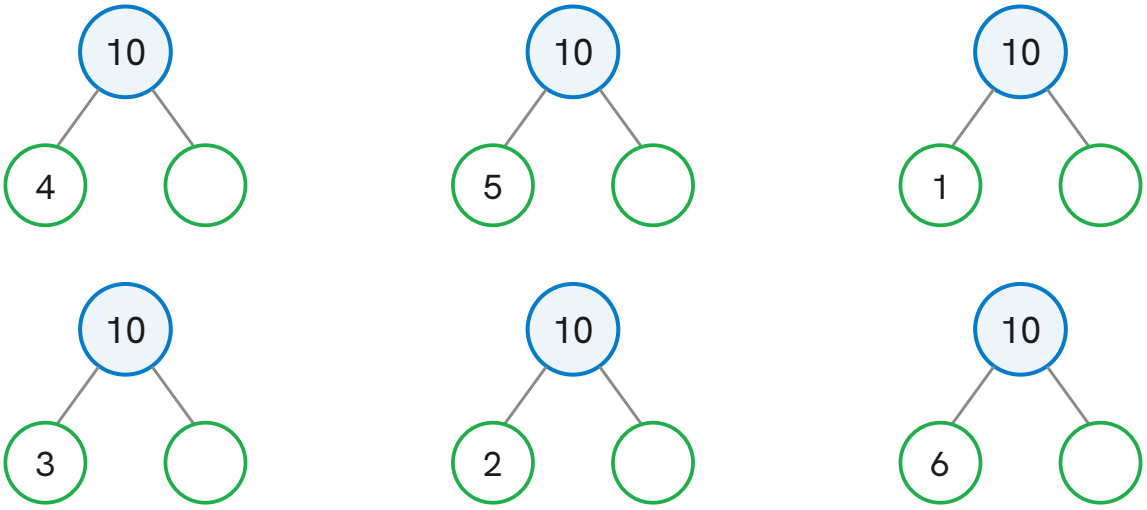
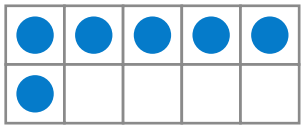
Pairs that make 10

Write the missing part in each circle so the two parts make 10. Then count the empty boxes in each ten frame.

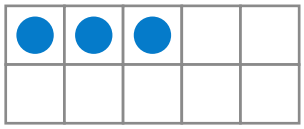
A. Make 10



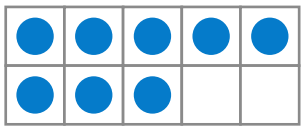
B. How many more to make 10?



6 + _____ = 10



3 + _____ = 10



8 + _____ = 10

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Adding numbers up to 20

Work out each addition. In part B, write the missing number that makes the addition correct.

A. Add them

10 + 6 = _____ 6 + 8 = _____ 9 + 1 = _____

9 + 2 = _____ 5 + 6 = _____ 5 + 7 = _____

4 + 3 = _____ 6 + 1 = _____ 8 + 3 = _____

B. What's missing?

9 + _____ = 18 3 + _____ = 12

9 + _____ = 16 9 + _____ = 15

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Taking away

Work out each subtraction. In part B, cross out the number of spots shown and write how many are left.

A. Take away

16 – 2 = _____ 13 – 8 = _____ 8 – 1 = _____

5 – 5 = _____ 20 – 5 = _____ 16 – 9 = _____

13 – 3 = _____ 16 – 3 = _____ 6 – 6 = _____

B. Cross out and count

Cross out 3. How many left? _____

Cross out 4. How many left? _____

Cross out 5. How many left? _____

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Doubles and halves

Double means two of the same number added together. Half means split into two equal groups. Fill in the answers.

A. Double it

double 5 = _____ double 6 = _____ double 10 = _____

double 8 = _____ double 4 = _____ double 9 = _____

B. Halve it

half of 18 = _____ half of 20 = _____ half of 16 = _____

half of 8 = _____ half of 12 = _____ half of 10 = _____

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Know your 2D shapes

Write each shape's name from the word bank, then count its sides. A circle has one curved side and no straight sides, so write 0.

A. Name the shape and count its straight sides

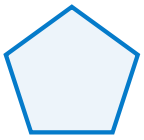
Word bank: circle hexagon pentagon rectangle square triangle

name _____

sides _____

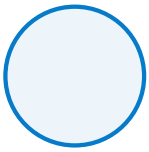
name _____

sides _____



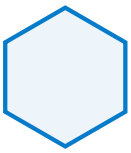
name _____

sides _____



name _____

sides _____



name _____

sides _____

name _____

sides _____

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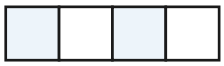
Longer, shorter and measuring

In part A, tick the longest ribbon and put a cross on the shortest. In part B, count how many cubes long each rod is.

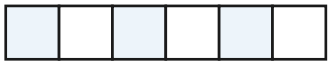
A. Longest and shortest

B. How many cubes long?



cubes long: _____

cubes long: _____



cubes long: _____

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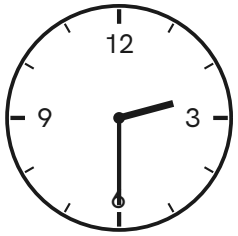
O'clock and half past

Look at each clock and write the time underneath. The short hand shows the hour; when the long hand points straight down, it is half past.

A. What time is it?



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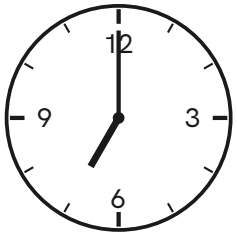

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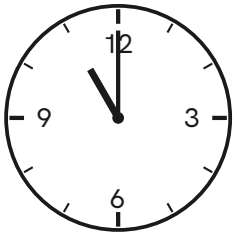

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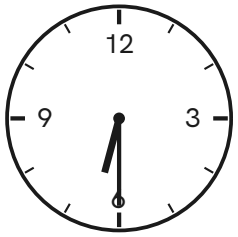

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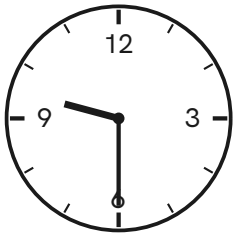

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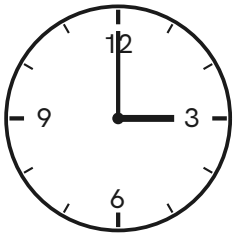

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Coins up to 20p

Circle the coin in each pair that is worth more. Then add up each little purse of coins and write the total in pence.

A. Which is worth more?

10p or 1p

20p or 10p

20p or 2p

5p or 1p

B. Add up the purse

Total: _____ p

Total: _____ p

Total: _____ p

Total: _____ p

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Answers

For parents: every answer, sheet by sheet. Keep these pages aside when you hand the worksheets over.

Sheet 1: Counting up to 20

A 14 16 18 12 (in order shown)

B 0, 1, 2, 3, 4, 5, 6, 7 | 8, 9, 10, 11, 12, 13, 14, 15 | 12, 13, 14, 15, 16, 17, 18, 19

Sheet 2: One more and one less

A 13 < 14 < 15 11 < 12 < 13 17 < 18 < 19 2 < 3 < 4 15 < 16 < 17 7 < 8 < 9 6 < 7 < 8 10 < 11 < 12

Sheet 3: Pairs that make 10

A 4 and 6 make 10 5 and 5 make 10 1 and 9 make 10 3 and 7 make 10 2 and 8 make 10 6 and 4 make 10

B 6+4=10 3+7=10 8+2=10

Sheet 4: Adding numbers up to 20

A 10+6=16 6+8=14 9+1=10 9+2=11 5+6=11 5+7=12 4+3=7 6+1=7 8+3=11

B 9+9=18 3+9=12 9+7=16 9+6=15

Sheet 5: Taking away

A 16−2=14 13−8=5 8−1=7 5−5=0 20−5=15 16−9=7 13−3=10 16−3=13 6−6=0

B 8 take 3 leaves 5 10 take 4 leaves 6 12 take 5 leaves 7

Sheet 6: Doubles and halves

A double 5=10 double 6=12 double 10=20 double 8=16 double 4=8 double 9=18

B half of 18=9 half of 20=10 half of 16=8 half of 8=4 half of 12=6 half of 10=5

Sheet 7: Know your 2D shapes

A rectangle (4 sides) square (4 sides) pentagon (5 sides) circle (0 sides) hexagon (6 sides) triangle (3 sides)

Sheet 8: Longer, shorter and measuring

A row 1: longest is ribbon 1, shortest is ribbon 2 row 2: longest is ribbon 2, shortest is ribbon 1 row 3: longest is ribbon 2, shortest is ribbon 3

B 4 cubes 7 cubes 6 cubes

Sheet 9: O'clock and half past

A half past 2 | 7 o'clock | 11 o'clock | half past 6 | half past 9 | 3 o'clock

Sheet 10: Coins up to 20p

A 10p vs 1p: 10p 20p vs 10p: 20p 20p vs 2p: 20p 5p vs 1p: 5p

B 5+1=6p 5+2+1=8p 2+1=3p 5+5+2=12p

Every child starts Year 1 from a different place. Boost Education's free initial assessment shows where yours is: boosteducation.co.uk

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