

Y1/2 Place value Unit 2 (12126)

Additional teacher instructions for practice sheets

These notes indicate which practice sheets are most appropriate for which groups.

Day 1 Y1 Place value Sheet 1

Working towards ARE / Working at ARE

Day 1 Y1 Place value Sheet 2

Greater Depth

Day 1 Y2 2-digit numbers and number sentences Sheet 3

Working towards ARE / Working at ARE / Greater Depth

Working towards ARE should only do Part 1.

Greater Depth should try the Challenge.

Day 2 Y1 Place value – teens numbers Sheet 1

Working towards ARE / Working at ARE

Day 2 Y1 Place value – teens numbers Sheet 2

Greater Depth

Day 2 Y2 Place value additions Sheet 3

Working towards ARE

Day 2 Y2 Addition and subtraction problems Sheet 4

Working at ARE / Greater Depth

Place value

Sheet 1

The bead strings are showing different teen numbers. Write each number.



Place value

Sheet 2

The bead strings are showing different teen numbers.
Write each number.



Challenge

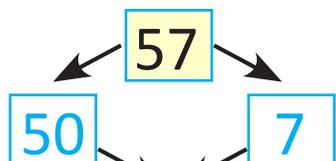
Write a place value addition number sentence under each bead string to describe it.



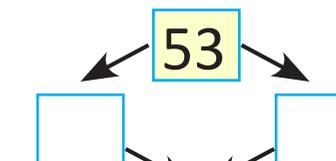
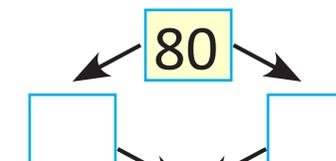
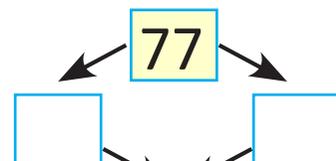
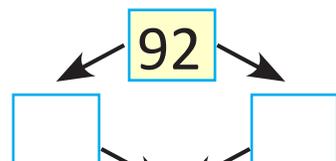
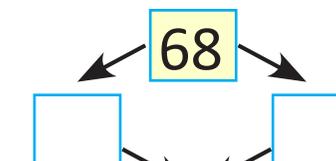
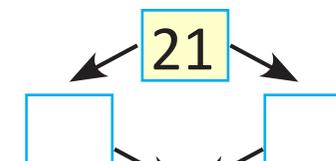
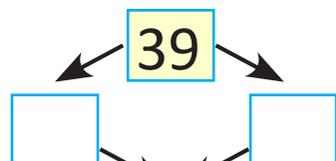
2-digit numbers and number sentences

Sheet 3

Help the PV machine to partition these numbers into tens and ones. Write the number sentence in the box below.



$$50 + 7 = 57$$



Here are some price tags from a toy shop. Using 10p and 1p coins, write down those needed to pay for each item.

17p

45p

38p

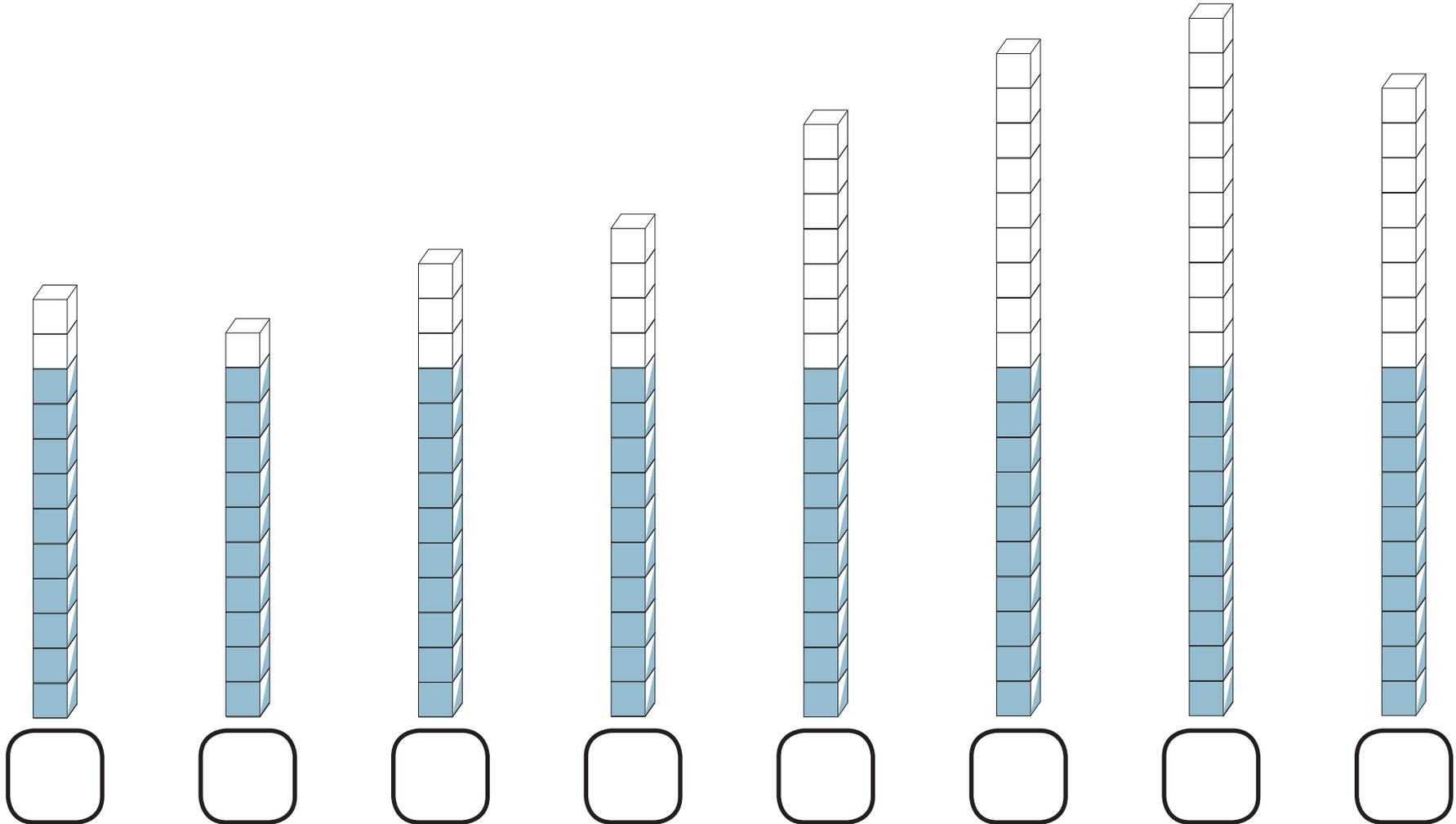
Challenge

How would you pay for all three items? Suggest two different ways.

Place value - teens numbers

Sheet 1

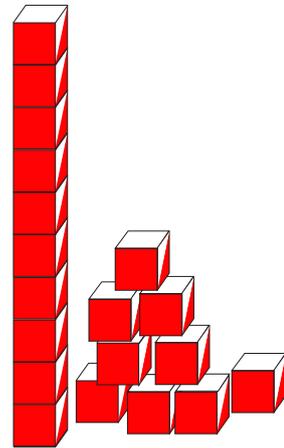
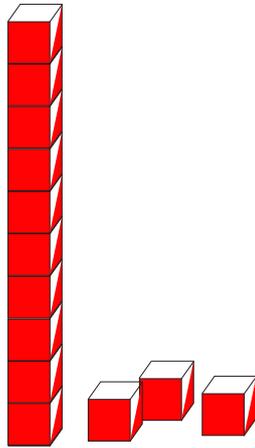
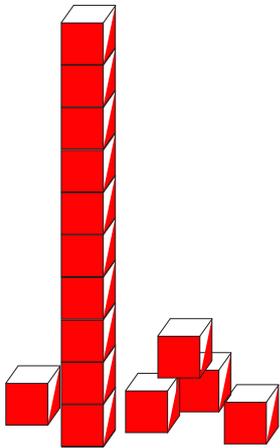
Write how many cubes tall each tower is.



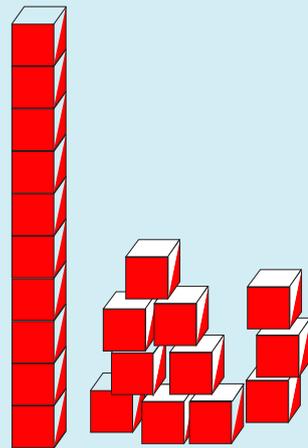
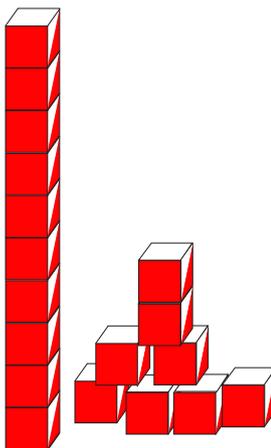
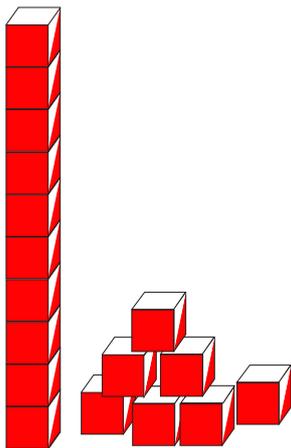
Place value - teens numbers

Sheet 2

These cube towers have fallen down. Write the place value additions to help the builders rebuild them.



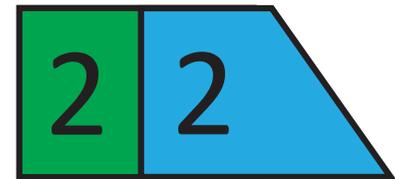
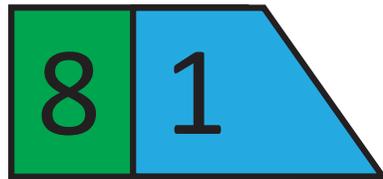
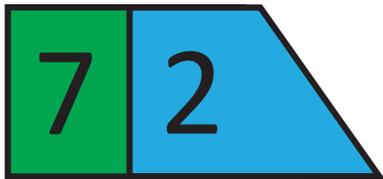
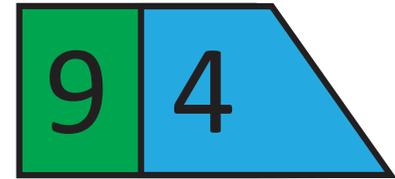
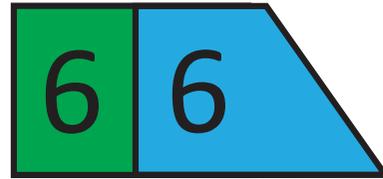
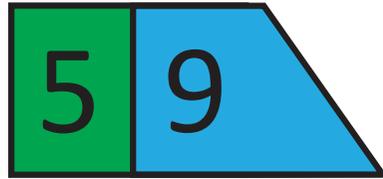
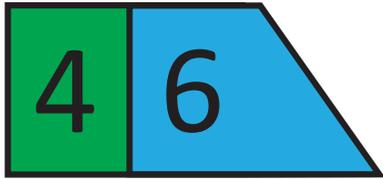
Challenge



Place value additions

Sheet 3

Partition each number. Write the place value addition sentence to go with each.



Challenge

Which numbers are odd? Which numbers are even?

Addition and subtraction problems

Sheet 4

Answer these place value problems.

$40 + 3 = \square$

$83 - 3 = \square$

$50 + 7 = \square$

$34 - 30 = \square$

$90 + 2 = \square$

$59 - 9 = \square$

$60 + 5 = \square$

$27 - 7 = \square$

$30 + 9 = \square$

$78 - 70 = \square$

Challenge

Write the missing operations in the boxes.

$40 \square 8 = 48$

$63 \square 3 = 60$

$9 \square 50 = 59$

$72 \square 2 = 70$

$27 = 7 \square 20$

Place Value

Answers

Day 1 Y1 Place value Sheet 1

14
16
12
18
19

Day 1 Y1 Place value Sheet 2

14
16
12
18
19

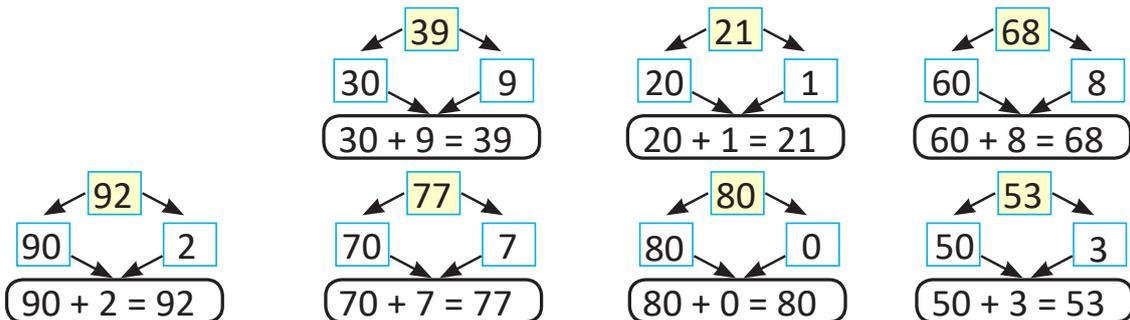
Challenge

$$10 + 3 = 13$$

$$10 + 7 = 17$$

$$10 + 1 = 11$$

Day 1 Y2 2-digit numbers and number sentences Sheet 3



Challenge

How would you pay for all three items? Suggest two different ways.

e.g. $17p + 45p + 38p = 100p = \text{£}1$

$10 \times 10p$ coins or $8 \times 10p$ coins and $20 \times 1p$ coins if only using $10p$ and $1p$ coins

Day 2 Y1 Place value - teens numbers Sheet 1

12 11 13 14 17 19 20 18

Place Value

Answers

Day 2 Y1 Place value - teens numbers Sheet 2

$10 + 5 = 15$

$10 + 3 = 13$

$10 + 9 = 19$

$10 + 7 = 17$

$10 + 8 = 18$

$10 + 11 = 21$

or $10 + 10 + 1 = 21$

or $20 + 1 = 21$

Day 2 Y2 Place value additions Sheet 3

$40 + 6 = 46$

$50 + 9 = 59$

$60 + 6 = 66$

$90 + 4 = 94$

$70 + 2 = 72$

$80 + 1 = 81$

$30 + 5 = 35$

$20 + 2 = 22$

Challenge

Which numbers are odd? Which numbers are even?

■ odd

■ even

Day 2 Y2 Addition and subtraction problems Sheet 4

$40 + 3 = 43$

$83 - 3 = 80$

$50 + 7 = 57$

$34 - 30 = 4$

$90 + 2 = 92$

$59 - 9 = 50$

$60 + 5 = 65$

$27 - 7 = 20$

$30 + 9 = 39$

$78 - 70 = 8$

Challenge

$40 + 8 = 48$

$63 - 3 = 60$

$9 + 50 = 59$

$72 - 2 = 70$

$27 = 7 + 20$