

Level 7
Card 1

a) Using the number chart count by 2s from 10 to 30.

Use counters for these equations:

b) $\square + 2 = 6$

c) $2 + 6 = \square$

d) $2 + \square = 6$

e) $12 = \square + 6$

f) $\square + 5 = 8$

g) $9 = \square + 4$

h) $7 + \square = 11$

Level 7
Card 2

a) Using the number chart count by 10s to 100.

Use counters for these equations:

b) $12 - \square = 6$

c) $11 = \square - 5$

d) $9 - \square = 3$

e) $11 - \square = 8$

f) $10 - \square = 7$

g) $10 = \square = 3$

h) $9 - 0 = \square$

Level 7
Card 3

a) Using the number chart count backwards from 20 to 0.

Use counters for these equations:

b) $8 + 3 - 4 = \square$

c) $7 + 5 - 6 = \square$

d) $9 + 3 - 6 = \square$

e) $6 + 4 - 5 = \square$

f) $11 + 2 - 7 = \square$

g) $2 + 9 - 6 = \square$

h) $0 + 8 - 5 = \square$

Level 7
Card 4

a) Using the number chart count by 5s to 100.

Use a number line that goes from 0 to 15 for these equations:

b) $11 + 2 = \square$

a) $15 - 5 = \square$

b) $7 + 7 = \square$

c) $15 = 6 + \square$

d) $13 = 2 + \square$

e) $12 - 4 = \square$

f) $13 - 7 = \square$

Level 7
Card 5

a) Using the number chart, count by 2s to 50.

b) What equals 6?

$$\square + \square = 6$$

$$\square + \square = 6$$

$$\square + \square = 6$$

$$\square + \square = 6$$

$$\square + \square + \square = 6$$

$$\square + \square + \square = 6$$

c) Other ways of making 6:

$$\square - \square = 6$$

$$\square - \square = 6$$

$$\square - \square = 6$$

$$\square - \square = 6$$

$$\square - \square - \square = 6$$

$$\square - \square - \square = 6$$

Level 7
Card 6

a) Count to 21 by twos using the number chart. Start at 1. These are the odd numbers.

b) Count to 22 by twos, starting at 2. These are the even numbers.

Make sets with sticks:

$$\text{c) } 3 \text{ sets of } 6 = \square \qquad 3 \times 6 = \square$$

$$\text{d) } 4 \text{ sets of } 3 = \square \qquad 4 \times 3 = \square$$

$$\text{e) } 5 \text{ sets of } 3 = \square \qquad 5 \times 3 = \square$$

$$\text{f) } 6 \text{ sets of } 2 = \square \qquad 6 \times 2 = \square$$

$$\text{g) } 10 \text{ sets of } 2 = \square \qquad 10 \times 2 = \square$$

$$\text{h) } 2 \text{ sets of } 7 = \square \qquad 2 \times 7 = \square$$

Level 7
Card 7

- a) Count from 57 to 62 by ones.
- b) Count backwards from 24 to 16 by ones.

Use sticks to show these:

c) 18 how many 3s? $18 \div 3 = \square$

d) 16 how many 4s? $16 \div 4 = \square$

e) 8 how many 2s? $8 \div 2 = \square$

f) 12 how many 3s? $12 \div 3 = \square$

g) 15 how many 5s? $15 \div 5 = \square$

h) 20 how many 5s? $20 \div 5 = \square$

Level 7
Card 8

- a) Count from 30 to 65 by 5s.
- b) Count from 70 to 30 by 10s.

- c) Write the words for number from one to ten.

- d) Put these numbers in order from smallest to largest: 18, 14, 16, 12, 20

- e) Put these numbers in order from highest to lowest: 20, 10, 30, 15, 25

- f) Write the digits for these words, from lowest to highest: twenty, sixteen, twelve

- g) Write the digits for these words, from highest to lowest: eighteen, eleven, thirteen

Level 7

Card 9

a) Count and write the numbers from 10 to 150.

b) Count by odd numbers from 1 to 19.

Use sticks to show these:

c) $23 = \square$ tens and \square ones

d) $54 = \square$ tens and \square ones

e) $35 = \square$ tens and \square ones

f) $19 = \square$ tens and \square ones

g) $64 = \square$ tens and \square ones

h) $48 = \square$ tens and \square ones

Level 7

Card 10

Use counting for these:

a) Which numbers are missing?

	16	18		22
--	----	----	--	----

b) Which numbers are missing?

	6		10	12
--	---	--	----	----

c) Which numbers are missing?

5		15		25
---	--	----	--	----

Use sticks for these:

d) $4 \text{ ones} + 3 \text{ tens} = \square$

e) $5 \text{ tens} + 6 \text{ ones} = \square$

e) $3 \text{ tens and } 2 \text{ ones} = \square$

f) $40 \text{ ones and } \square \text{ tens} = 84$

g) $\square \text{ ones and } 2 \text{ tens} = 27$

Level 7
Card 11

a) Using the number chart, count backwards from 50 by 5s

Use the number chart for these:

b) $20 + \square = 26$

c) $30 + \square = 32$

d) $40 + \square = 47$

e) $50 + \square = 56$

f) $28 - 4 = \square$

g) $44 - 3 = \square$

h) $39 - 7 = \square$

Level 7
Card 12

How many sticks?

a)  I I I I I I I I I I I I I I I I

Use real money or pretend money for these.

You will need 5c, 10c, 20c and 50c coins:

b) Pencils cost 5 cents each. How many can I buy for 20 cents?

c) A banana costs 25 cents. What coins can I use?

d) I bought an apple for 20 cents, a mango for 50 cents and an orange for 30 cents. How much did I spend?

e) A fish costs 45 cents. How much would two fish cost?

Level 7

Card 13

Find the answer by counting:

a) $2 + 2 + 2 + 2 + 2 + 1 = \square$

b) $5 + 5 + 5 + 5 + 5 + 1 = \square$

c) $10 + 10 + 10 + 10 + 10 + 4 = \square$

Use sticks:

d) $2 \times 5 - 1 = \square$

e) $2 \times 4 + 1 = \square$

f) $5 \times 3 - 4 = \square$

g) $6 \times 2 + 5 = \square$

h) $4 \times 3 - 2 = \square$

i) $2 \times 10 - 5 = \square$

Level 7

Card 14: Test *(Use counters and sticks)*

a) $\square + 2 = 6$

b) $10 - \square = 7$

d) $38 - 6 = \square$

e) What equals 8?

$\square + \square = 8$

$\square + \square = 8$

$\square + \square = 8$

$\square + \square = 8$

f) $5 \times 3 + 1 = \square$

g) $16 \div 4 = \square$

i) Put these numbers in order from smallest to largest: 17, 13, 15, 11, 19

j) 6 tens + 4 ones = \square

Level 8

Card 1

Use a number chart:

- a) Count to 100 by 2s using even numbers.
- b) Count to 100 by 2s using odd numbers.

c) Write the figures for these words:

Twenty Fifty Thirty
Ninety Seventy Forty
Sixty Eighty

d) Use the number chart for these:

One more than 118 =
Five more than 100 =
Two more than 111 =
Ten more than 103 =
One less than 117 =
Five less than 100 =
Two less than 112 =
Ten less than 120 =

Level 8

Card 2

Use the number chart:

- a) Count to 120 by 5s
- b) Count backwards from 120 by 10s

c) Put in the missing sign:

$3 \square 6 = 9$
 $5 \square 2 = 3$
 $3 \square 6 = 18$
 $20 \square 4 = 5$

d) Say it another way:

$2 + 3 + 5 = \square$... $2 + 3 + \square = 10$
 $4 + 1 + 8 = \square$... $4 + 1 + \square = 13$
 $9 - \square = 6$... $6 = 9 - \square$
 $12 - \square = 8$... $8 = 12 - \square$

e) Write the number for:

3 lots of 10 and 2 more =
4 lots of ten and 3 more =
5 lots of ten and 6 more =

Level 8

Card 3

- a) Count by 5s from 25 to 60
- b) Count by tens from 20 to 120

c) What makes 10?

$$1 + \square = 10$$

$$2 + \square = 10$$

$$3 + \square = 10$$

$$4 + \square = 10$$

$$5 + \square = 10$$

$$6 + \square = 10$$

$$7 + \square = 10$$

$$8 + \square = 10$$

$$9 + \square = 10$$

$$10 + \square = 10$$

d) Now make up a set of “take-away” equations:

$$10 - 1 = 9$$

$$10 - 2 = 8 \text{ Keep going until you reach } 10 - 10$$

Level 8

Card 4

a) Count by 3s from 0 to 15 using a number line.

b) Count by 4s from 0 to 16 using a number line.

c) What makes 20?

$$1 + \square = 20$$

$$2 + \square = 20$$

$$3 + \square = 20$$

$$4 + \square = 20$$

Keep the pattern going up to $20 + \square = 20$

d) Now make up a set of “take-away” equations:

$$20 - 1 = 19$$

$$20 - 2 = 18$$

Keep going until you reach $20 - 20$.

Level 8

Card 5

Use the number chart.

a) Count by 3s by adding 3 to each number:

2, 5, 8, __, __, __, __, __, __

b) Count by 4 by adding 4 to each number:

7, 11, 15, __, __, __, __, __, __

b) Equal or not equal? Fill in the missing sign:

= or ≠

$$9 + 3 \square 3 + 9$$

$$9 \times 3 \square 3 \times 9$$

$$9 - 3 \square 3 - 9$$

$$9 \div 3 \square 3 \square 9$$

$$7 + 4 \square 2 + 9$$

$$10 - 3 \square 12 - 4$$

$$15 - 6 \square 20 - 8$$

$$3 \times 3 \square 2 \times 6$$

$$20 \div 4 \square 10 \div 2$$

$$2 + 8 + 6 \square 3 + 9 + 4$$

Level 8

Card 6

Use the number chart.

a) Count backwards by 3s, taking away 3 from each number:

24, 21, 18, __, __, __, __, __

b) Count backwards by 4s, taking away 4 from each number:

44, 40, 36, __, __, __, __, __, __, __

c) Make equations to equal 20

$$\square \times \square = 20$$

$$\square \div \square = 20$$

$$\square + \square = 20$$

$$\square - \square = 20$$

$$\square + \square - \square = 20$$

$$\square \times \square + \square = 20$$

d) Make as many equations as you can to equal 15.

Level 8
Card 7

a) $10 + 10 + 10 + 5 = \square$

b) $10 + 10 + 10 + 10 + 9 = \square$

c) $10 + 10 + 10 + 10 + 10 + 6 = \square$

d) $20 + \square = 27$

e) $50 + \square = 53$

f) $40 + \square = 46$

g) $30 + \square = 33$

h) $27 = \square$ lots of 10 + \square

i) $45 + \square$ lots of 10 + \square

j) $63 = \square$ lots of 10 + \square

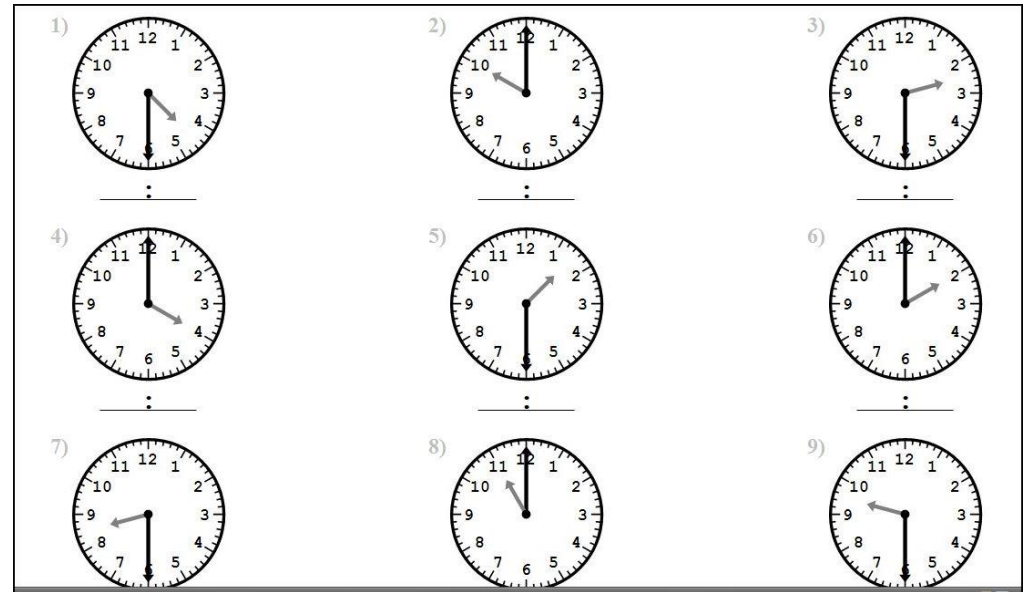
k) $57 = \square$ lots of 10 + \square

l) $81 = \square$ lots of 10 + \square

m) $97 = \square$ lots of 10 + \square

Level 8
Card 8

What is the time on these clocks?



What is the time in digital time?

Half past 4 = 4.30

Ten o'clock =

Half past 2 =

Four o'clock =

Half past 1 =

Two o'clock =

Half past 8 =

11 o'clock =

Half past 9 =

Level 8
Card 9

a) See how fast you can work these out. Use your fingers if you like. These are good to learn from memory.

$$1 + \square = 10$$

$$2 + \square = 10$$

$$3 + \square = 10$$

$$5 + \square = 10$$

$$6 + \square = 10$$

$$7 + \square = 10$$

$$8 + \square = 10$$

$$9 + \square = 10$$

b) Use counters for these:

$$7 + \square = 5 + 5$$

$$6 + \square = 7 + 2$$

$$9 - \square = 15 - 10$$

$$14 - \square = 2 + 8$$

$$4 + \square = 12 - 6$$

Level 8
Card 10

a) Work these out by counting:

$$25 + 10 = \square$$

$$63 + 10 = \square$$

$$74 + 10 = \square$$

$$21 + 10 = \square$$

$$52 + 10 = \square$$

$$83 + 10 = \square$$

b) Count backwards for these:

$$67 - 10 = \square$$

$$59 - 10 = \square$$

$$71 - 10 = \square$$

$$32 - 10 = \square$$

$$27 - 10 = \square$$

$$84 - 10 = \square$$

c) Use the number chart for these:

$$84 + 4 = \square$$

$$72 + 3 = \square$$

Level 8

Card 11

a) Use the number chart:

$29 + 2 = \square \quad 56 + 5 = \square$

$74 + 3 = \square \quad 92 + 4 = \square$

b) Brackets tell you to do whatever is inside the brackets FIRST.

$(3 \times 4) + 2 = \square$

$(6 \times 2) + 5 = \square$

$(7 \times 5) + 3 = \square$

$(10 \times 3) + 2 = \square$

$(5 \times 4) + 7 = \square$

$(16 \div 4) + 1 = \square$

$(18 \div 2) + 1 = \square$

$(12 \div 3) + 1 = \square$

$(20 \div 5) + 1 = \square$

$(18 \div 3) + 1 = \square$

$(10 \div 2) + 1 = \square$

Level 8

Card 12

a) Count by 2s from 122 to 134.

b) Count by 5s from 115 to 140.

c) Remember: Brackets FIRST.

$6 - (3 - 1) = \square$

$4 + (2 - 0) = \square$

$7 - (2 \times 2) = \square$

$8 - (4 + 2) = \square$

d) Work out the side without the missing number FIRST:

$6 + 4 = \square + 3$

$4 + 2 = 3 + \square$

$\square + 5 = 2 + 7$

$3 + \square = 9 + 1$

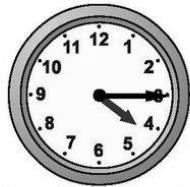
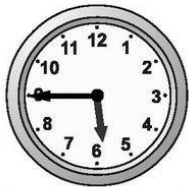
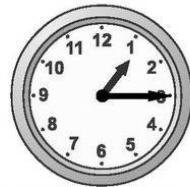
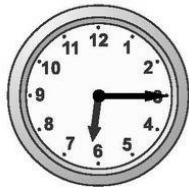
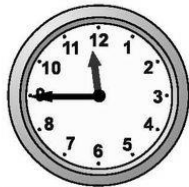
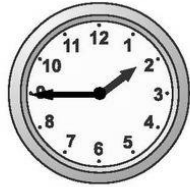
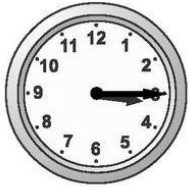
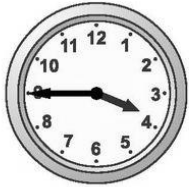
$4 + 3 = \square + 5$

$\square + 5 = 10 + 1$

$0 + 9 = \square + 8$

Level 8

Card 13



Tell the time:

Quarter to or quarter past

Then in digital time.

Level 8

Card 14: Test (Use a number chart and counters)

a) Two more than 113 =

b) $74 + 3 = \square$

c) $40 + \square = 46$

d) Make up equations that equal 12

$\square \times \square = 12$

$\square \div \square = 12$

$\square + \square = 12$

$\square - \square = 12$

e) Put in the missing sign: $5 \square 2 = 3$

f) 4 lots of 3 and 4 more =

g) Put in the sign = or \neq

$7 + 4 \square 9 + 11$

h) $(3 \times 4) + 2 = \square$

i) $8 - (3 - 1) = \square$

j) What is the time?



Level 9

Card 1

Use the number chart:

a) Count by 4s to 40 starting at 4.

b) Count by 3s to 30.

c) Double these numbers:

$$6 + 6 = \square \quad 8 + 8 = \square$$

$$5 + 5 = \square \quad 7 + 7 = \square$$

d) Find half of these numbers:

$$\frac{1}{2} \text{ of } 12 = \square$$

$$\frac{1}{2} \text{ of } 14 = \square$$

$$\frac{1}{2} \text{ of } 10 = \square$$

$$\frac{1}{2} \text{ of } 20 = \square$$

d) Use the number chart:

$$54 + 2 = \square$$

$$57 + \square = 59$$

$$53 + \square = 57$$

$$51 + \square = 54$$

Level 9

Card 2

Use the number chart:

a) $16 + 4 + 4 + 4 + 4 = \square$

b) Which are the odd numbers? 7, 2, 0, 9, 1, 4

c) Write 5 even numbers between 57 and 70.

d) Write 5 odd numbers less than 45.

e) Write the words for:

11, 12, 13, 14, 15

f) I had 20 cents and spent 15 cents. How much do I have left?

g) I had 50 cents and spent 25 cents. How much do I have left?

h) I had two 20 cent coins. I spent 30 cents. How much do I have left?

i) I had seven 5 cent coins. I spent 20 cents. How much do I have left?

j) How much do I have?

$$20 \text{ cents} + 10 \text{ cents} + 5 \text{ cents} + 5 \text{ cents} = \square$$

Level 9

Card 3

Use the number chart:

a) Count by 5s from 12 to 82.

b) Out these in order and then keep the pattern going until you reach 24:

8, 4, 10, 14, 2, 6, 12

c) What is the 6 worth in these:

56

62

d) Use only 6, 2 and 12 to make equations:

$$6 \times 2 = 12$$

$$\square \times \square = \square$$

$$\square \div \square = \square$$

$$\square \div \square = \square$$

e) $4 + 4 + 4 = \square \times \square$

f) $2 \times 4 + 4 = \square \times 4$

g) $12 \div 4 = \square \times 4$

Level 9

Card 4

a) Count backwards by 5s from 50.

b) Count backwards to subtract:

$$28 - 1 = \square$$

$$45 - 2 = \square$$

$$31 - 2 = \square$$

$$46 - 3 = \square$$

c) Brackets first:

$$(3 \times 4) - (2 \times 4) = \square \times 4$$

$$(7 \times 2) - (3 \times 2) = \square \times 2$$

d) A boy spent \$2.50 on a book and \$3.00 on a poster. How much more did the poster cost?

e) A girl wants to buy a toy worth 90 cents. She only has 60 cents. How much does she have to save up to buy the toy?

Level 9

Card 5

a) Count by tens from 2 to 102.

b) Count by tens from 7 to 107.

c) Count by tens from 4 to 104.

d) Count by 9s. Fill the gaps:

9, 18, 27, ____, 45, ____, 63, ____, ____, 90, ____

e) Add ten, then add 9:

$2 + 10 = \square \quad 2 + 9 = \square$

$4 + 10 = \square \quad 4 + 9 = \square$

$8 + 10 = \square \quad 8 + 9 = \square$

$15 + 10 = \square \quad 15 + 9 = \square$

$18 + 10 = \square \quad 10 + 9 = \square$

$32 + 10 = \square \quad 32 + 9 = \square$

$46 + 10 = \square \quad 46 + 9 = \square$

$81 + 10 = \square \quad 81 + 9 = \square$

What is the pattern?

f) How many equations can you make to equal 2?

Level 9

Card 6

a) Count by 4s:

2, 6, 10, 14, ____, ____, ____, ____, ____, ____

b) Count by 3s:

4, 7, 10, 13, ____, ____, ____, ____, ____, ____

c) Brackets first! (Write the answer above the brackets)

$2 + (3 \times 2) = \square$

$4 + (10 \div 2) = \square$

$(5 \times 2) - 3 = \square$

$(3 \times 3) - (8 \div 2) = \square$

d) Double these numbers:

$12 \square \quad 9 \square$

$10 \square \quad 15 \square$

f) Half of these:

$\frac{1}{2} \text{ of } 8 \quad \frac{1}{2} \text{ of } 22$

$\frac{1}{2} \text{ of } 18 \quad \frac{1}{2} \text{ of } 18$

Level 9
Card 7

- a) Count backwards by ones from 25.
b) Count backwards from 100 by tens.

c) Use the number chart and count by tens:

$30 + 40 = \square$

$60 + 20 = \square$

$20 + 20 = \square$

$20 + 50 = \square$

$30 + 30 = \square$

$30 + 50 = \square$

d) Add 5

$25 + 5 = \square$

$35 + 5 = \square$

$95 + 5 = \square$

$85 + 5 = \square$

$15 + 5 = \square$

$65 + 5 = \square$

e) Take away 5

$80 - 5 = \square$

$70 - 5 = \square$

$60 - 5 = \square$

$50 - 5 = \square$

$40 - 5 = \square$

$40 - 5 = \square$

Level 9
Card 8

- a) 95, 98, 101, ____, ____, ____, ____
b) 93, 97, 101, ____, ____, ____, ____

c) A girl had 15 biscuits. She ate 3 and gave 5 to her brother. How many left?

d) 7 people were on a bus. 4 more got on. Then 3 people got off. Now how many are on the bus?

e) A lady makes necklaces with round and square beads. Round beads cost 5 cents each and square beads cost 10 cents each. Draw a necklace that costs 80 cents.

f) There are 35 children in a class. 17 are boys. How many are girls?

Level 9
Card 9

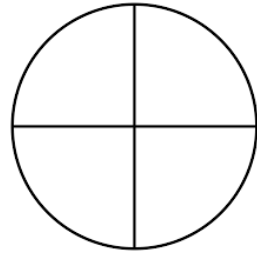
a) 120, 115, ____, 105, ____, ____, 90, ____

b) 120, 110, ____, ____, ____, ____, ____, ____

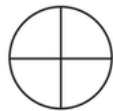
c) Draw this shape and colour half.

Now draw the shape and colour two quarters.

What did you notice?



d) Draw these shapes and colour a quarter of each.



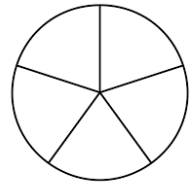
e) How many squares?
How many triangles?

Level 9
Card 10

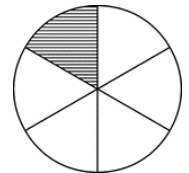
a) 1st, 2nd, ____, 4th, ____, ____, 7th, ____, ____

b) There were 6 children in a race. The one who last came ____.

c) Draw this shape and colour 2 parts. Each part is one fifth. You have coloured two-fifths.



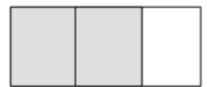
d) What part is coloured in this shape? One-_____



d) What is coloured in these shapes?

_____ quarters

_____ thirds



Level 9

Card 11

a) Less than $<$ more than $>$

Put in the correct sign:

$5 \square 20$

$97 \square 79$

$44 \square 42$

$89 \square 98$

b) Who collected the most bottle caps?

	Week 1	Week 2
Year 2	40	37
Year 3	45	42

c) Which is the most popular sport?

	Boys like...	Girls like ...
Soccer	19	26
Rugby	28	17

How many boys like soccer best?

How many boys like rugby best?

How many girls like soccer best?

How many girls like rugby best?

How many children like soccer best?

How many children like rugby best?

Level 9

Card 12

a) Do these in your head:

$4 + \square = 10$

$8 + \square = 10$

$5 + \square = 10$

$3 + \square = 10$

$1 + \square = 10$

$6 + \square = 10$

$2 + \square = 10$

$7 + \square = 10$

b) For these, first find the 2 numbers that make 10, and add them together.

$3 + 9 + 7 = \square$

$6 + 8 + 2 = \square$

$5 + 8 + 5 = \square$

$4 + 8 + 6 = \square$

$3 + 11 + 7 = \square$

$9 + 10 + 1 = \square$

c) Brackets first! Write answers above brackets first.)

$(3 \times 2) + (10 \div 5) + (\frac{1}{2} \text{ of } 12) = \square$

$(2 \times 6) + (9 \div 3) - (\frac{1}{2} \text{ of } 8) = \square$

$(\frac{1}{2} \text{ of } 6) + (12 \div 2) - (4 \times 0) = \square$

$(4 \times 2) + (4 - 2) = 3 + \square$

$(1 \times 6) + (20 \div 2) = 10 + \square$

Level 9

Card 13

Keep the pattern going by doubling.

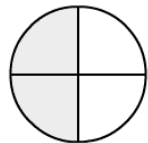
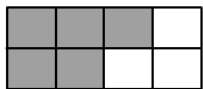
- a) 1, 2, 4, ____, ____, ____, ____
- b) $\frac{1}{4}$, $\frac{1}{2}$, ____, ____, ____, ____, ____
- c) $1\frac{1}{2}$, ____, ____, ____, ____, ____, ____

b) Rename 12. (How many different names can you find for 12.)

c) Rename 3.

d) Rename 0.

e) Draw and name the fraction.



Level 9

Card 14 Test

a) Double 9

b) $\frac{1}{2}$ of 16 =

c) $64 + \square = 69$

e) Write in words, the odd numbers from eleven to sixteen.

f) I had 50 cents, and spent 20 cents, then another 10 cents. How much money do I have left?

g) $(2 \times 10) - (2 \times 2) = \square \times 4$

h) $7 + (12 \div 3) = \square$

i) $(4 \times 2) + (12 \div 6) + (\frac{1}{2} \text{ of } 8) = \square$

j) Rename 2. (How many different names can you find for 2?)