

Level 12 Times tables to learn this term: x2, x5, x10

Card 1

1. Counting

- a) 748, 749, 750
.....760
- b) 897, 896, 895,
.....888

2. Place value

- a) 1,630 = □ thousands, □ hundreds, □ tens, □ ones
- b) 2,478 = □ thousands, □ hundreds, □ tens, □ ones
- c) How many hundreds make 1000? (Count in hundreds from 100 to find out.)

3. Write in words

- a) 1024
- b) 5890

4. Substitute for the 14

$2 \times 7 - 4 = 10$ $\frac{1}{2}$ of □ - 4 = 10

$\square + \square - 4 = 10$ $\square - \square - 4 = 10$

Level 12

Card 2

1. Opposites

- a) $6 \times 3 = 18$ $18 \div \square = \square$
- b) $7 + 9 = 16$ $16 - \square = \square$

2. Extend

$3,264 = 3 \text{ thousand} + 2 \text{ hundred} + 6 \text{ tens} + 4 \text{ ones}$
 $= 3,000 + 200 + 60 + 4$
 $= (3 \times 1,000) + (2 \times 100) + (6 \times 10) + (4 \times 1)$

Now do the same for 5,792

3. Find the missing number

- a) $2 \times 7 - \square = 10$
- b) $10 + \square = 2 \times 7$
- c) $12 \div 3 = 2 + \square$
- d) $5 \times 5 = 30 - \square$

4. Write the 4 times table.

Level 12

Card 3

1. Counting

a) 646, 650, 654, 674

b) 731, 628, 625, 610

2. Subtraction

14 36 98

-11 -25 - 4

3. Addition

264 = 200 + 60 + 4

+ 323 = 300 + 20 + 3

Set out these the same way:

526 + 353

245 + 714

107 + 362

Level 12

Card 4

1. Counting

a) 850, 900, 950, 1,200

b) 980, 982, 984 1,002

2. Double 8 Double 80

3. Half of 18 Half of 180

4. Choose the smallest number and write it in words:

765, 792, 780, 763, 778

5. Multiplication

$3 \times 21 = 3 \times (20 + 1)$

$= (3 \times 20) + (3 \times 1)$

$= \square + \square$

$= \square$

Now do the same for 2×42

6. Ways of talking about subtraction

What is the difference between 650 and 50?

What is 250 less than 400?

Level 12

Card 5

1. Quick Addition

a) $595 + 7$

b) $246 + 5$

c) $67 + 9$

d) $125 + 9$

2. Addition using bridging

$$268 = 200 + 60 + 8$$

$$+ 325 = 300 + 20 + 5$$

$$593 + 500 + 80 + 13$$

Now break 13 down to $10 + 3$

$$= 593 + 500 + 80 + 10 + 3 = \square$$

Now do the same for $427 + 539$

3. Make equations for these:

a) 20 children took off their shoes. How many shoes?

b) 60 coloured pencils shared between 10 children.

Level 12

Card 6

1. Quick subtraction

a) $424 - 6$

b) $1000 - 4$

c) $989 - 10$

d) $542 - 4$

2. Vertical subtraction

54	96	165
-31	-45	-134
_____	_____	_____

3. Fractions: Use your times tables

a) $\frac{1}{5}$ of 30 = (How many fives in 30)

b) $\frac{1}{3}$ of 15 =

c) $\frac{1}{2}$ of 42 =

d) $\frac{1}{10}$ of 20 =

e) $\frac{1}{4}$ of 28

Level 12

Card 7

1. Write the number for:

- a) $7 \times 1000 + 6 \times 100 + 3 \times 10 + 2 \times 1$
- b) $5 \times 100 + 3 \times 1000 + 4 \times 1 + 2 \times 10$
- c) $3 \times 1 + 5 \times 10 + 6 \times 1000 + 5 \times 100$

2. Write equations for these:

- a) How many children were on 3 buses? There were 20 on the first bus, 15 on the second bus and 10 on the third bus.
- b) Five plates of mangoes each contain six mangoes.
- c) There are 39 children in the class but five of them are away today.
- d) Mum bought fifteen bananas and asked five children to share them out equally.
- e) There were 20 pencils in the set but half of them were lost.

3. Write in words

- a) 724
- b) 842

Level 12

Card 8

1. Counting

- a) 1010, 910, 810,110
- b) 821, 721, 621,121

2. Odd and evens

- a) What is the even number that sits exactly between 110 and 130?
- b) What is the odd number that sits exactly between 145 and 149?

3. a) **Choose the smallest number** and write it in words: 865, 892, 880, 863, 888

b) **Choose the largest number** and write it in figures: sixty six, six hundred and sixty, sixteen, six hundred and six

4. Number table

÷	12	20	32	40	24	80
4						

Level 12

Card 9

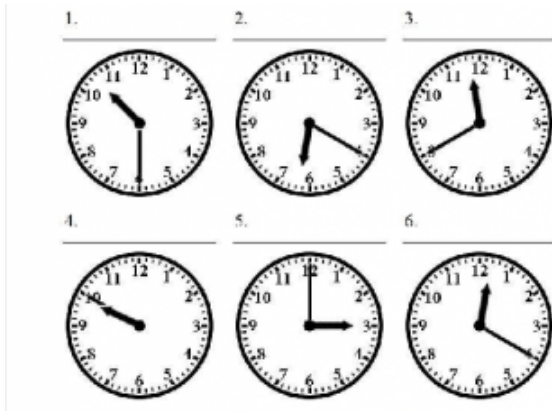
1. Number tables

÷	20	10	15	40	50	100
5						

÷	21	15	18	30	33	24
3						

2. Time

- How many minutes does it take for a big hand on a clock to move from 12 to 12?
- How many minutes does it take for the little hand to move from 12 to 7?
- What is the time?



Level 12

Card 10

1. Missing number

- $8 \times \square = 40$
- $4 \times \square = 40$
- $6 \times \square = 12$
- $12 \div \square = 3$
- $21 \div \square = 7$
- $42 + \square = 54$
- $124 + \square = 130$
- $56 - \square = 49$
- $127 - \square = 119$

2. Missing sign

- $9 \square 4 = 36$
- $9 \square 4 = 13$
- $9 \square 4 = 5$
- $9 \square 3 = 3$
- $(8 \times \square) + (5 \times 10) + 4 = 854$

Level 12

Card 11

1. Number sentences

	Addition number sentence	Multiplication number sentence
a	$9 + 9 + 9 + 9 + 9 = \square$	
b		$5 \times 5 = \square$
c	$8 + 8 + 8 + 8 + 8 + 8 = \square$	
d		$6 \times 6 = \square$

2. Problem solving

- I painted $\frac{1}{5}$ of my fingernails red. How many did I paint?
- If I double 9, then double it again, what number do I get?
- 4 pencils cost \$4.40. What is the cost of one pencil?
- How many centimetres are there in $1\frac{1}{2}$ metres?
- How many minutes are there in $1\frac{1}{2}$ hours?
- 4 girls and 2 boys. How many toes?

Level 12

Card 12

1. Subtraction

- Find the difference between 6 and 30. Answer \square
- 15 less than 40 = \square
- Find the difference between the two numbers:

-	7	8	9	4
32				
57				
61				
74				

2. Work out these using extended notation

- $46 + 53$
- $39 + 52$

3. Problem solving

Tim's Dad is 25 years older than Tim. Tim's age is 9. How old is his Dad?

Level 12

Card 13

1. Finish the patterns and write the rule.

1	2	5	4	6
3	6			

Rule: multiply by _____

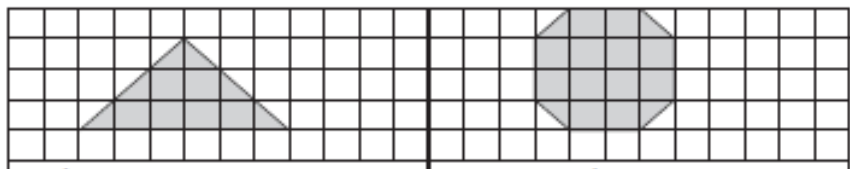
2	3	4	9	19	25	36	58
9	10						

Rule: add _____

2. Measurement

- What is the perimeter of a square with 4 cm sides?
- What is the area of the triangle?
- What is the area of the square?

Each square is one centemetre.



Level 12

Card 14 Test (Score out of 10: one point each except for i – l)

- 9 more than 556.
- $700 + 2,000 + 5 + 60$
- $2 \times 33 = \square \times (30 + \square)$
=
- $24 + 38 = (20 + \square) + (30 + \square)$
=
- $243 = 200 + \square + \square$
 $+ 425 = 400 + \square + \square$

=
- $154 + \square = 162$
- $8 \square 3 = 5$
- $(4 \times 1,000) + (3 \times 100) + (8 \times 10) + (5 \times 1) = \square$
- $(\frac{1}{2} \text{ of } 18) + 21 = \square$ (Half point)
- $5 + 5 + 5 + 5 + 5 + 5 = \square \times \square = \square$ (Half point)
- $28 \div 4 = \square$ (Half point)
- $(15 \div 3) \times 4 = \square$ (Half point)