BROAD HORIZON
TUITION

11+ Tuition

Year 3

Week 22

Answers

Name: _____

Date: _____

Starter Task – Quick Revision

Task 1 - spelling NOTE TO TEACHER

Read out these words to students and read each one twice.

1) **earth**
2) **circle**
3) **complete**
4) **consider**
5) **early**

Task 2 – Definitions NOTE TO TEACHER

Read out the words Centre and Different and give time for students to define the first one before saying the next one

1) **Complete – To finish something or total**

2) **Consider – To think carefully about (something)**

Task 3 – Maths

1) 2346 ÷ 6 = 391

2) 8743 ÷ 9 = 971 r4

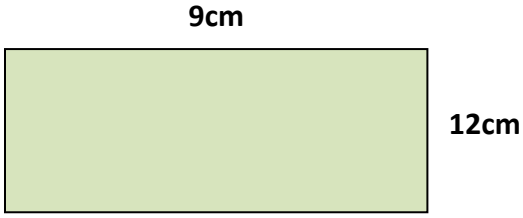
3) Round 3,684 to the nearest

i) thousand: 4,000

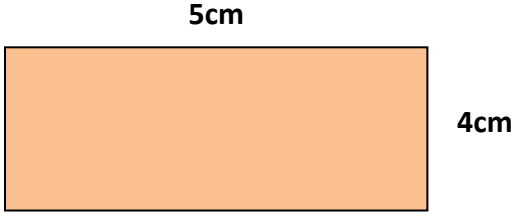
ii) hundred: 3,700

iii) ten: 3,680

4) What is the area of the Green Rectangle. 108 cm^2



5) What is the perimeter of the Orange Rectangle. 18cm



Task 4 - times tables

You will have 45 seconds to complete the table below from memory.

1) 6 x 7 = 42	**2)** 6 x 9 = 54	**3)** 6 x 8 = 48
4) 6 x 12 = 72	**5)** 6 x 4 = 24	**6)** 6 x 3 = 18
7) 7 x 3 = 21	**8)** 7 x 5 = 35	**9)** 7 x 9 = 63
10) 7 x 11 = 77	**11)** 7 x 12 = 84	**12)** 9 x 7 =63
13) 7 x 3 =21	**14)** 4 x 7 = 28	**15)** 2 x 6 = 12

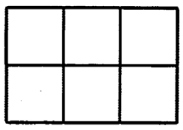
Mental Arithmetic

Paper 19	Answer		Paper 20	Answer
1. What is half of 30?	15		1. What is half of 50?	25
2. What is half of 70?	35		2. What is half of 90?	45
3. A fruit cake is shared equally into 5 slices. Write a fraction to show one slice.	1/5		3. A fruit cake is shared equally into 10 slices. Write a fraction to show one slice.	1/10
4. A bar of chocolate is shared equally between 4 people. Write a fraction to show how much one person got.	1/4		4. An apple tart is shared equally between 5 people. Write a fraction to show how much two people got.	2/5
5. What is a quarter of 20?	5		5. What is a quarter of 12?	3
6. What is a quarter of 100?	25		6. What is a quarter of 80?	20
7. What number is halfway between one and a half and two.	1¾		7. What number is halfway between two and a half and three?	2¾
8. What number is halfway between three and a half and four.	3¾		8. What number is halfway between five and a half and six.	5¾
9. Which is bigger: a half or a quarter?	a half		9. Which is bigger: a half or a fifth?	a half
10. Which is larger: a quarter or a tenth?	a quarter		10. Which is larger: a half or a tenth?	a half

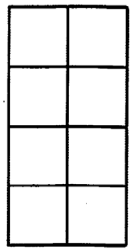
Date_____ Name_____

Equivalent Fractions $\frac{1}{2}$

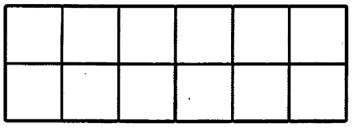
Shade $\frac{1}{2}$ of each shape. Look at how many squares are shaded (numerator) and the total amount of squares (denominator) and write the equivalent fraction underneath.



1. 3/6

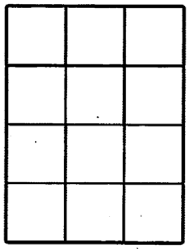


2. 4/8

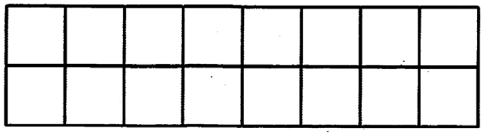


6/12

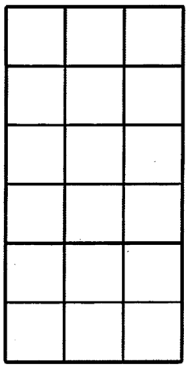
3.



4. 6/12

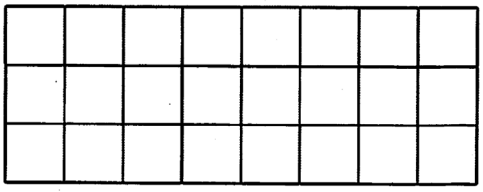


5. 8/16



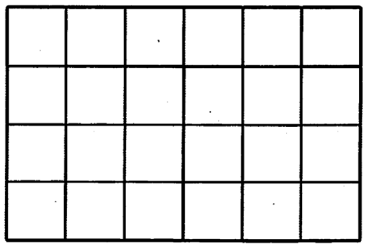
9/18

6.



12/24

7.



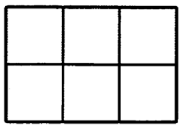
12/24

8.

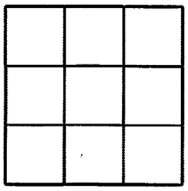
Date_____ Name_____

Equivalent Fractions $\frac{1}{3}$

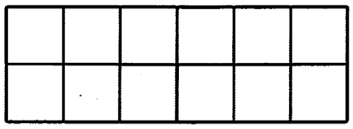
Shade $\frac{1}{3}$ of each shape. Look at how many squares are shaded (numerator) and the total amount of squares (denominator) and write the equivalent fraction underneath.



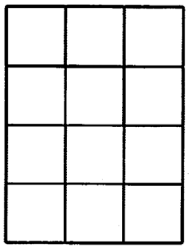
1. 2/6



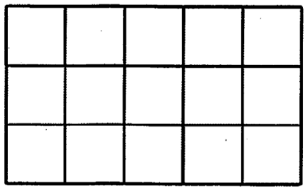
2. 3/9



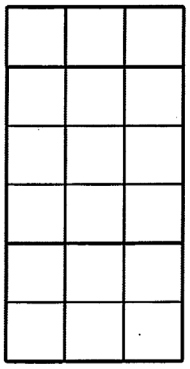
3. 4/12



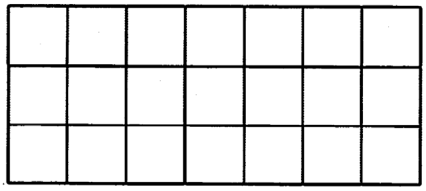
4. 4/12



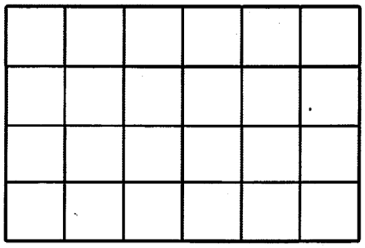
5. 5/15



6. 6/18



7. 7/21



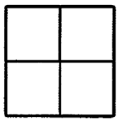
8. 8/24

The unshaded squares show 2/3. Write the equivalent fractions:

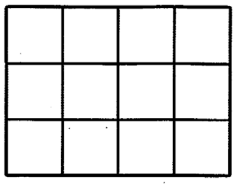
Date _____ Name _____

Equivalent Fractions $\frac{1}{4}$

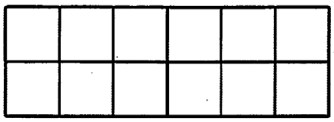
Shade $\frac{1}{4}$ of each shape. Look at how many squares are shaded (numerator) and the total amount of squares (denominator) and write the equivalent fraction underneath.



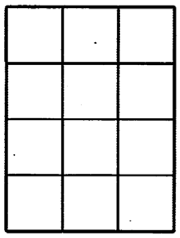
1. 1/4



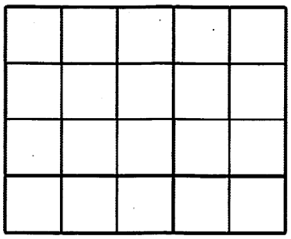
2. 3/12



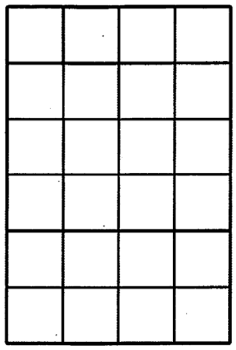
3. 3/12



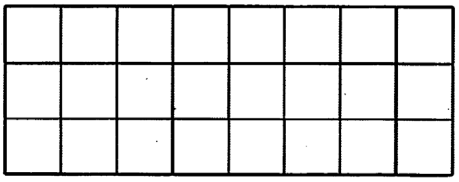
4. 3/12



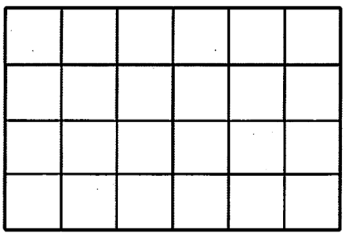
5. 5/20



6. 6/24



7. 6/24



8. 6/24

The unshaded squares show 3/4. Write the equivalent fractions:

Question	Answer
1	2
2	2
3	2
4	2
5	6
6	2
7	2
8	4
9	6
10	4
11	14
12	6

Question	Answer
13	8
14	10
15	38
16	12
17	10
18	4
19	6
20	8
21	10
22	14
23	36
24	22

Question	Answer
1	4
2	5
3	16
4	5
5	8
6	8
7	1
8	16
9	1
10	6
11	20
12	4

Question	Answer
13	5
14	1
15	6
16	2
17	4
18	10
19	6
20	10
21	5
22	2
23	1
24	6

Question	Answer
1	2
2	8
3	6
4	14
5	12
6	36
7	8
8	2
9	14
10	6
11	38
12	22

Order these fractions from the smallest.

$\frac{10}{100}$ $\frac{6}{100}$ $\frac{55}{100}$ $\frac{99}{100}$ $\frac{71}{100}$

$\frac{6}{100}$ $\frac{10}{100}$ $\frac{55}{100}$ $\frac{71}{100}$ $\frac{99}{100}$

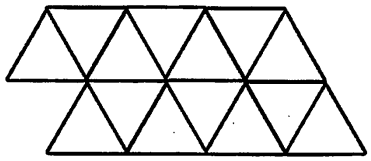
Order these fractions from the biggest.

$\frac{3}{20}$ $\frac{15}{20}$ $\frac{10}{20}$ $\frac{6}{20}$ $\frac{11}{20}$

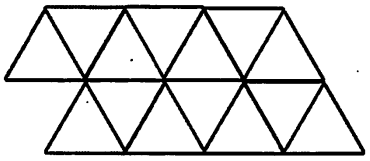
$\frac{3}{20}$ $\frac{6}{20}$ $\frac{10}{20}$ $\frac{11}{20}$ $\frac{15}{20}$

Colour the boxes according to its fraction. Which fraction is greater?

$\frac{5}{14}$

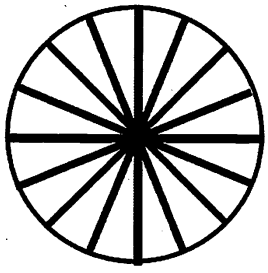


$\frac{10}{14}$

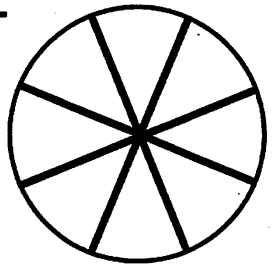


$\frac{10}{14}$ is the greater fraction.

$\frac{15}{16}$



$\frac{3}{8}$



$\frac{15}{16}$ is the greater fraction.

Order these fractions from the smallest.

$\frac{13}{50}$ $\frac{49}{50}$ $\frac{25}{50}$ $\frac{5}{50}$ $\frac{37}{50}$

$\frac{5}{50}$ $\frac{13}{50}$ $\frac{25}{50}$ $\frac{37}{50}$ $\frac{49}{50}$

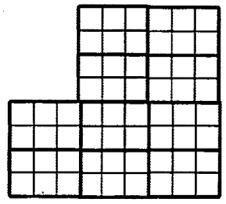
Order these fractions from the biggest.

$\frac{50}{100}$ $\frac{20}{200}$ $\frac{20}{100}$ $\frac{25}{200}$

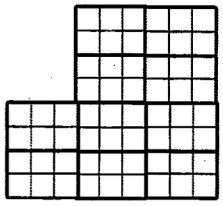
$\frac{20}{200}$ $\frac{25}{200}$ $\frac{20}{100}$ $\frac{50}{100}$

Colour the boxes according to its fraction. Which fraction is smallest?

$\frac{50}{60}$

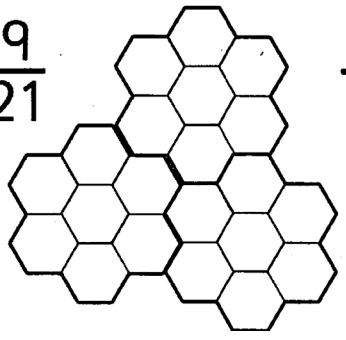


$\frac{26}{60}$

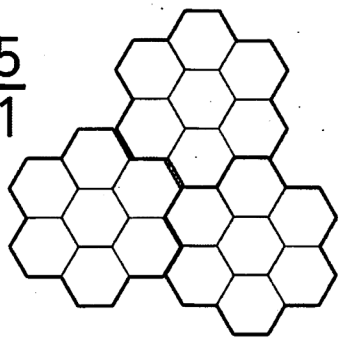


$\frac{26}{60}$ is the smallest fraction.

$\frac{9}{21}$



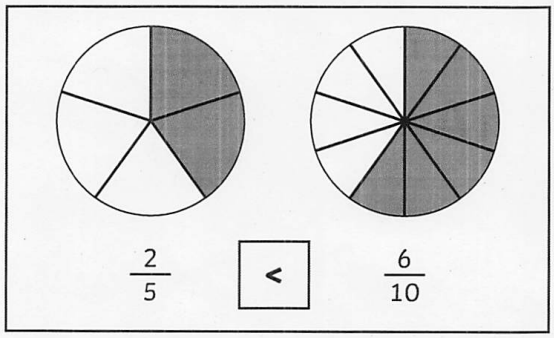
$\frac{15}{21}$



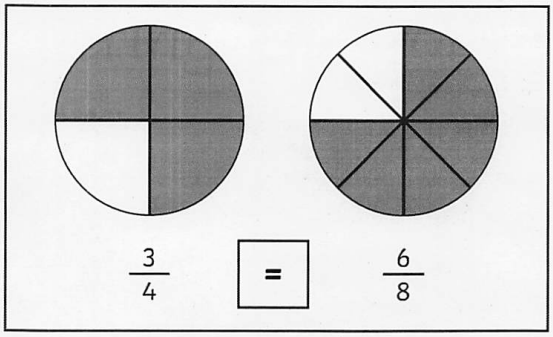
$\frac{9}{21}$ is the smallest fraction.

Comparing and Ordering Fractions

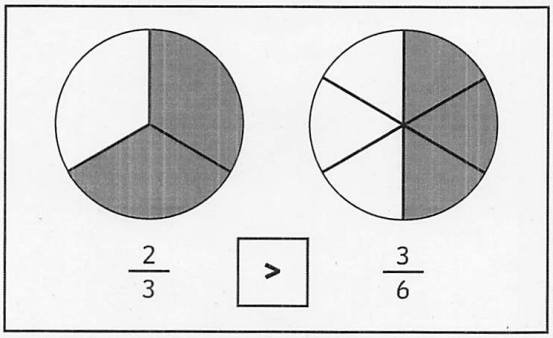
Answers



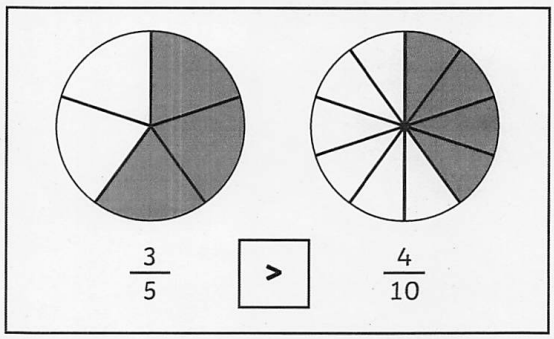
$\frac{2}{5}$ < $\frac{6}{10}$



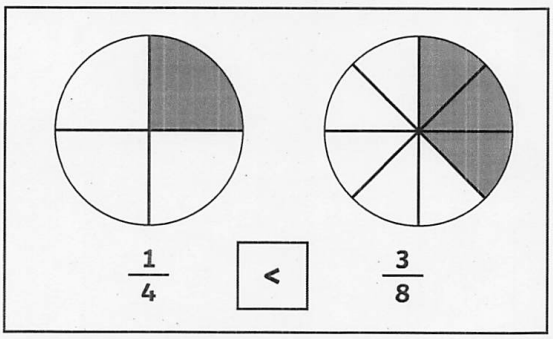
$\frac{3}{4}$ = $\frac{6}{8}$



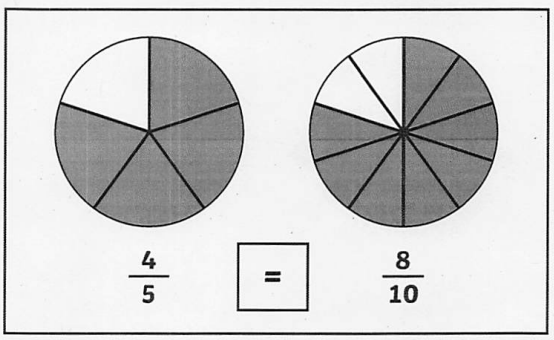
$\frac{2}{3}$ > $\frac{3}{6}$



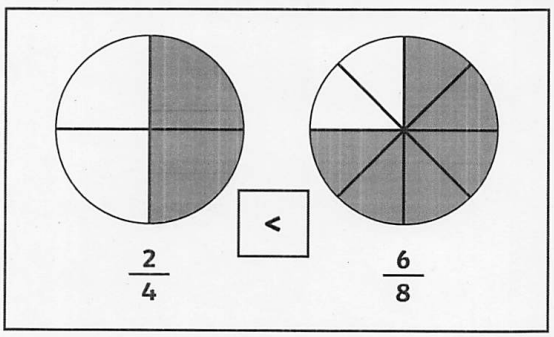
$\frac{3}{5}$ > $\frac{4}{10}$



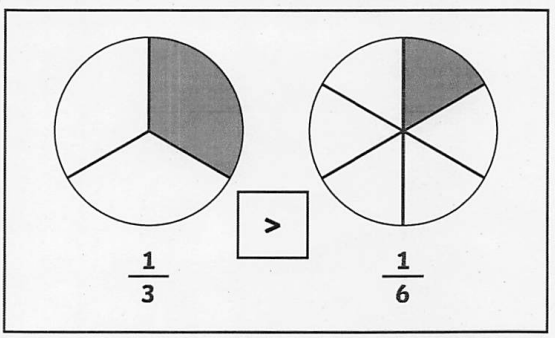
$\frac{1}{4}$ < $\frac{3}{8}$



$\frac{4}{5}$ = $\frac{8}{10}$



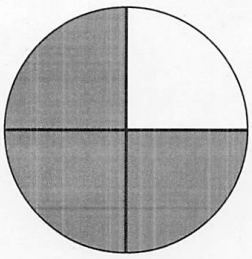
$\frac{2}{4}$ < $\frac{6}{8}$



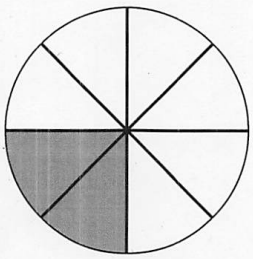
$\frac{1}{3}$ > $\frac{1}{6}$

Colour in the circles to represent each fraction and then put each fraction in order from smallest to largest.

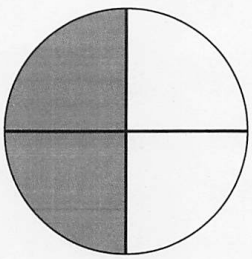
$\frac{3}{4}$



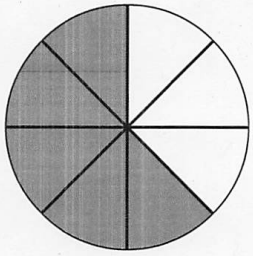
$\frac{2}{8}$



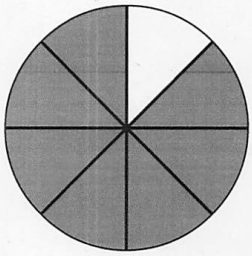
$\frac{2}{4}$



$\frac{5}{8}$



$\frac{7}{8}$



$\frac{2}{8}$ $\frac{2}{4}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$

Smallest **Largest**

Comparing and Ordering Fractions

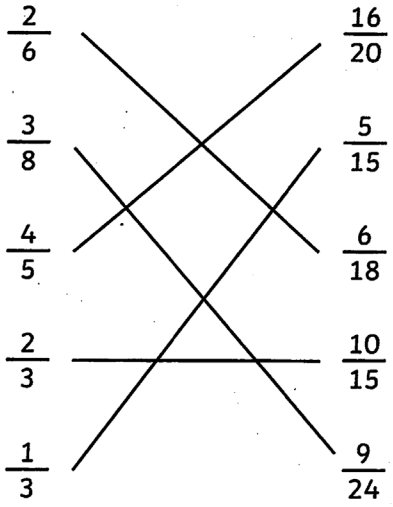
Answers

$\frac{3}{5}$ < $\frac{12}{15}$ $\quad$ $\frac{2}{8}$ = $\frac{4}{16}$

$\frac{2}{3}$ > $\frac{4}{9}$ $\quad$ $\frac{2}{7}$ < $\frac{14}{21}$

$\frac{1}{4}$ = $\frac{4}{16}$ $\quad$ $\frac{2}{5}$ > $\frac{6}{20}$

Draw lines to match the fractions with their equivalent partners:



Order these fractions from smallest to largest:

$\frac{2}{5}$ $\quad$ $\frac{6}{10}$ $\quad$ $\frac{4}{5}$ $\quad$ $\frac{1}{5}$ $\quad$ $\frac{10}{20}$

$\frac{1}{5}$ $\quad$ $\frac{2}{5}$ $\quad$ $\frac{10}{20}$ $\quad$ $\frac{6}{10}$ $\quad$ $\frac{4}{5}$

$\frac{2}{4}$ $\quad$ $\frac{9}{16}$ $\quad$ $\frac{5}{8}$ $\quad$ $\frac{1}{4}$ $\quad$ $\frac{3}{8}$

$\frac{1}{4}$ $\quad$ $\frac{3}{8}$ $\quad$ $\frac{2}{4}$ $\quad$ $\frac{9}{16}$ $\quad$ $\frac{5}{8}$

Comprehension - What's the Problem?

7	**Picture clues:** Girl looking scared in the water (possible problem) Parents on the beach (possible solution) Brother splashing (possible problem/solution) **Text clues:** Girl saying 'I'm sinking again' (possible problem) 'Mairi still could not swim' (possible problem) 'she sank like a stone' (possible problem) 'Her brother Robbie swam like a fish.' (possible solution) "It's easy' he told her.' (possible solution) 'You believe in mermaids don't you?' (possible solution) Children's pictures and answers will vary. Accept any answer that involves something from the extract, such as her parents, her brother or a mermaid helping Mairi.

Page	Answer
8	1. Mairi is having a problem in the story. 2. Children's answers will vary. Accept any two of the following: Mairi cannot swim. Trying to swim is taking up all of Mairi's holiday. She sinks like a stone every time she tries to float. Her brother can swim easily without armbands – which probably makes her feel worse. 3. Robbie says Mairi will solve the problem if she pretends to be a mermaid. 4. I think the title suggests that in the end Mairi meets a mermaid who shows her how to swim. Children's questions and answers will vary. **Example question:** Where are Mairi's Mum and Dad? **Example answer:** Mairi's Mum and Dad are on the beach.

English Grammar

24 Singlular and plural sentences p31

1 a Jesse and Jamal enjoy writing and like reading books.
b Kalisha and Oman liked walking until they got bicycles. Now they like cycling.
c Jeff and Joy used to learn French, but now they are learning Spanish instead.
d We are going swimming on Saturday before we go shopping.

2 a Tessa swims in the school team and she also plays tennis.
b I used to sing in the choir but I now sing solo.
c "Have you seen Colin? He is late for PE!"
d I have a cat, a dog and a rabbit but my favourite pet is the rabbit.

1. The banana is ripe. The bananas are ripe.

2. The man is tall and handsome. The men are tall and handsome.

3. The baby is tired and hungry. The babies are tired and hungry.

4. Her foot is swollen. Her feet are swolen.

5. The leaf is green. The leaves are green.

6. Their box is heavy. Their box's are heavy.

7. The woman is pretty. The women are pretty.

8. The shelf is broken. The shelves are broken.

9. The person is angry. The people are angry.

10. The child is sick today. The children are sick today.

11. The knife is sharp. The knives are sharp.

12. His tooth is loose. His teeth are loose.

13. The fish is swimming. The fishes are swimming.

14. The wolf is sleeping in the snow. The wolves are sleeping in the snow.

Year 3 and 4 Correct the Spelling Mistake (3)

The spelling mistakes in these sentences have been circled. Write the correct spelling for each word in the box.

1. Tying your own shoelaces can be dificelt.	difficult
2. My grandad made a coin apeer from behind my ear.	appear
3. Do you promiss to behave yourself today?	promise
4. We're back to doing our regeler lessons today.	regular
5. Rulers are very helpful when you want to draw a strayt line.	straight
6. I've made my uncle a speshal card for his birthday.	special
7. "I am hungry; therfor, I will eat the cake," the princess announced.	therefore
8. Last week, we all watched a poplar TV show together.	popular

Each sentence below has one word which is spelt incorrectly. Circle the incorrect word and write the correct spelling in the box.

1. Did I menshun that the winner would receive a prize?	mention
2. Achelly, I think you'll find that I was right all along.	actually
3. Amazingly, this coin was buried over a senturie ago!	century
4. Althow I like eating peas, I don't enjoy eating pea soup.	although
5. Gisela's dress was made from a very shiny mateeriel.	material
6. "That's enuff!" exclaimed the unsuccessful dog trainer.	enough
7. My stepsister has a real inturest in model trains.	interest
8. When the rollercoaster lurched forwerds, we all screamed.	forwards

Pages 38-43 — Assessment Test 4

Section 1 — Complete the Pair

1) C

The whole figure gets smaller.

2) B

The black shape changes from a circle to a square.

3) D

The outline of the inner shape changes from solid to dotted.

4) D

The black vehicle becomes grey.

Section 2 — Find the Figure Like the First Three

1) A

In all figures the lamp must have three black stripes.

2) D

All figures must have a black triangle inside a large white shape.

3) B

In all figures, half of the shape must be shaded black.

4) C

All figures must have an arrow with a black arrowhead.
Apart from the arrowhead, all figures must
have one black and one white shape.

Times Table Practice

You will have 150 seconds to complete the table below from memory.

1) **5** x 9 = 45	2) **4** x 1 = 4	3) **10** x 4 = 40
4) 2 x **2** = 4	5) **9** x 1 = 9	6) **6** x 11 = 66
7) 2 x **3** = 6	8) **12** x 3 = 36	9) 3 x 11 = **33**
10) 2 x **9** = 18	11) 4 x **1** = 4	12) 10 x **9** = 90
13) **4** x 3 = 12	14) **5** x 4 = 20	15) **2** x 2 = 4
16) **6** x 11 = 66	17) **5** x 10 = 50	18) 4 x **10** = 40
19) 8 x **9** = 72	20) 12 x **8** = 96	21) 9 x **1** = 9
22) **5** x 6 = 30	23) 3 x 10 = **30**	24) **5** x 1 = 5
25) **10** x 11 = 110	26) **6** x 7 = 42	27) 7 x **10** = 70
28) 10 x 9 = **90**	29) 9 x **8** = 72	30) **4** x 3 = 12
31) 5 x 6 = **30**	32) **2** x 7 = 14	33) 7 x **6** = 42
34) **3** x 10 = 30	35) **9** x 7 = 63	36) 12 x 4 = **48**
37) 6 x 9 = **54**	38) 11 x **11** = 121	39) **11** x 9 = 99
40) 12 x **9** = 108	41) 8 x **4** = 32	42) **8** x 6 = 48
43) **9** x 2 = 18	44) 11 x **3** = 33	45) 11 x **0** = 0

If you've achieved below 40/45 revisit all your times tables before you move on to the next worksheet

You will have 150 seconds to complete the table below from memory.

1) **8** x 7 = 56	2) 4 x **7** = 28	3) **10** x 6 = 60
4) 5 x **7** = 35	5) **12** x 5 = 60	6) 3 x **10** = 30
7) 10 x 1 = **10**	8) **12** x 2 = 24	9) 2 x 2 = **4**
10) 3 x 3 = **9**	11) **11** x 2 = 22	12) 12 x **5** = 60
13) 10 x 11 = **110**	14) **4** x 3 = 12	15) **6** x 8 = 48
16) 7 x **1** = 7	17) 2 x **11** = 22	18) 10 x 9 = **90**
19) 3 x **8** = 24	20) 12 x 6 = **72**	21) **2** x 8 = 16
22) 8 x 2 = **16**	23) 10 x **8** = 80	24) 8 x **5** = 40
25) **3** x 3 = 9	26) **7** x 1 = 7	27) 3 x **10** = 30
28) 5 x **10** = 50	29) 6 x **11** = 66	30) **8** x 1 = 8
31) 3 x **8** = 24	32) **5** x 6 = 30	33) **6** x 2 = 12
34) 1 x **11** = 11	35) 11 x **11** = 121	36) **5** x 8 = 40
37) 10 x 4 = **40**	38) 3 x **1** = 3	39) 9 x **3** = 27
40) 5 x 9 = **45**	41) 2 x **4** = 8	42) 12 x **7** = 84
43) 8 x 11 = **88**	44) **3** x 10 = 30	45) 3 x **12** = 36

If you've achieved below 40/45 revisit all your times tables before you move on to the next worksheet

You will have 150 seconds to complete the table below from memory.

1) **1** x 10 = 10	2) 4 x **3** = 12	3) 11 x 12 = **132**
4) **9** x 6 = 54	5) **6** x 12 = 72	6) 12 x **12** = 144
7) 11 x **1** = 11	8) **7** x 1 = 7	9) **2** x 11 = 22
10) 8 x **5** = 40	11) 12 x **6** = 72	12) 10 x **9** = 90
13) 7 x 7 = **49**	14) 6 x 10 = **60**	15) **3** x 2 = 6
16) **8** x 3 = 24	17) 9 x **7** = 63	18) 4 x 7 = **28**
19) 11 x 9 = **99**	20) **6** x 9 = 54	21) 2 x 4 = **8**
22) **5** x 3 = 15	23) **9** x 5 = 45	24) **2** x 4 = 8
25) **5** x 8 = 40	26) 12 x **2** = 24	27) **9** x 9 = 81
28) 12 x **6** = 72	29) 11 x 7 = **77**	30) 4 x 1 = **4**
31) 8 x 8 = **64**	32) **4** x 11 = 44	33) 12 x 2 = **24**
34) 11 x **2** = 22	35) **6** x 7 = 42	36) 4 x 9 = **36**
37) 1 x **6** = 6	38) **9** x 3 = 27	39) 9 x **11** = 99
40) **5** x 12 = 60	41) **4** x 2 = 8	42) 2 x 5 = **10**
43) 12 x 9 = **108**	44) 11 x **1** = 11	45) 3 x **10** = 30

If you've achieved below 40/45 you should revisit all your times tables and learn them again