



BROAD HORIZON
— T U I T I O N —

11+ Tuition

Year 3

Week 33

Answers

Name: _____

Date: _____

Mental Arithmetic

Paper 17	Answer	Paper 18	Answer
1. What is a quarter of 28?	7	1. What is a quarter of 48?	12
2. What is a quarter of 120?	30	2. What is a quarter of 100?	25
3. 4 times 6.	24	3. 4 times 8.	32
4. 4 times 11.	44	4. 4 times 5.	20
5. Two lots of 23.	46	5. Two lots of 21.	42
6. Two lots of 41.	82	6. Two lots of 43.	86
7. 13 times 3.	39	7. 23 times 3.	69
8. 11 times 5.	55	8. 13 times 2.	26
9. 40 divided by 2.	20	9. 22 divided by 2.	11
60 divided by 2.	30	30 divided by 2.	15

How am I doing? p42

- 1** a fresher / freshest b ripier / ripest c friendlier / friendliest
- 2** a smoky b crispy c fully d stony e watery
f bony
- 3** a dishes b mice c feet d pennies e haloes
f taxis
- 4** a w b b c w d g e k
f l g l h h i d j k
- 5** Possible answers include:
a sandstorm / sandcastle / sandbag b bedtime / bedroom / bedspread
c bookcase / bookmark / bookshelf d sideboard / sideburns / sidecar
- 6** a beautiful b cowardly c powerless
- 7** Answers will vary.
- 8** a The men enjoy watching comedy films.
b Justin and I think skateboarding is fun but we prefer watching it on TV.
- 9** a team, crowd b queue, batch c collection, tribes
- 10** a third person b second person
c third person d first person
- 11** a Today has been wet, miserable and horrible.
b Jack's puppy was cute, friendly and fully.
- 12** a needn't b won't c there's
d you'll e who'd f I'd

Section 1 — Complete the Series

1) **C**

The racket rotates 90 degrees clockwise in each series square.

2) **B**

The large white shape gains a side in each series square.

3) **E**

The black shading moves one small shape to the right in each series square.

4) **E**

The whole figure reflects across in each series square.

Section 2 — Find the Figure Like the First Two

1) **C**

All figures must be identical apart from rotation.

2) **B**

All figures must have a grey tap on the left-hand side and a white tap on the right-hand side.

3) **D**

All figures must have two matching black eyes.

4) **D**

In all figures, the handle of the umbrella must curve around to the left.

Times Table Practice

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

Times Tables Worksheet Answers *up to 12 x 12*

Created by the Math Salamanders www.math-salamanders.com

1) $4 \times 11 = 44$

16) $6 \times 7 = 42$

31) $7 \times 7 = 49$

2) $11 \times 2 = 22$

17) $12 \times 5 = 60$

32) $10 \times 11 = 110$

3) $10 \times 1 = 10$

18) $6 \times 10 = 60$

33) $9 \times 7 = 63$

4) $6 \times 6 = 36$

19) $5 \times 6 = 30$

34) $12 \times 1 = 12$

5) $2 \times 0 = 0$

20) $12 \times 12 = 144$

35) $10 \times 1 = 10$

6) $10 \times 4 = 40$

21) $3 \times 7 = 21$

36) $3 \times 8 = 24$

7) $1 \times 1 = 1$

22) $12 \times 8 = 96$

37) $9 \times 4 = 36$

8) $12 \times 9 = 108$

23) $12 \times 6 = 72$

38) $8 \times 5 = 40$

9) $2 \times 6 = 12$

24) $4 \times 9 = 36$

39) $3 \times 2 = 6$

10) $9 \times 1 = 9$

25) $8 \times 8 = 64$

40) $10 \times 10 = 100$

11) $4 \times 3 = 12$

26) $9 \times 3 = 27$

41) $3 \times 9 = 27$

12) $7 \times 2 = 14$

27) $12 \times 8 = 96$

42) $12 \times 10 = 120$

13) $8 \times 10 = 80$

28) $11 \times 3 = 33$

43) $2 \times 0 = 0$

14) $4 \times 9 = 36$

29) $12 \times 5 = 60$

44) $7 \times 7 = 49$

15) $12 \times 3 = 36$

30) $4 \times 7 = 28$

45) $9 \times 8 = 72$

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

Times Tables Worksheet Answers

up to 12 x 12

Created by the Math Salamanders www.math-salamanders.com

1) $6 \times 9 = 54$

16) $11 \times 5 = 55$

31) $4 \times 9 = 36$

2) $4 \times 4 = 16$

17) $11 \times 7 = 77$

32) $4 \times 4 = 16$

3) $7 \times 7 = 49$

18) $10 \times 1 = 10$

33) $6 \times 4 = 24$

4) $4 \times 11 = 44$

19) $2 \times 12 = 24$

34) $2 \times 2 = 4$

5) $11 \times 0 = 0$

20) $12 \times 6 = 72$

35) $2 \times 8 = 16$

6) $9 \times 2 = 18$

21) $12 \times 6 = 72$

36) $10 \times 6 = 60$

7) $8 \times 1 = 8$

22) $5 \times 4 = 20$

37) $5 \times 0 = 0$

8) $4 \times 3 = 12$

23) $7 \times 11 = 77$

38) $5 \times 12 = 60$

9) $2 \times 10 = 20$

24) $6 \times 7 = 42$

39) $3 \times 8 = 24$

10) $6 \times 8 = 48$

25) $6 \times 7 = 42$

40) $4 \times 2 = 8$

11) $6 \times 5 = 30$

26) $2 \times 11 = 22$

41) $2 \times 12 = 24$

12) $8 \times 9 = 72$

27) $12 \times 3 = 36$

42) $1 \times 1 = 1$

13) $9 \times 5 = 45$

28) $12 \times 8 = 96$

43) $11 \times 8 = 88$

14) $10 \times 10 = 100$

29) $7 \times 10 = 70$

44) $11 \times 3 = 33$

15) $4 \times 2 = 8$

30) $11 \times 3 = 33$

45) $8 \times 3 = 24$

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

Times Tables Worksheet Answers
up to 12 x 12

Created by the Math Salamanders www.math-salamanders.com

1) $2 \times 8 = 16$

16) $4 \times 1 = 4$

31) $5 \times 6 = 30$

2) $5 \times 10 = 50$

17) $4 \times 8 = 32$

32) $9 \times 9 = 81$

3) $4 \times 3 = 12$

18) $8 \times 6 = 48$

33) $11 \times 7 = 77$

4) $8 \times 9 = 72$

19) $10 \times 5 = 50$

34) $9 \times 10 = 90$

5) $2 \times 6 = 12$

20) $9 \times 6 = 54$

35) $12 \times 3 = 36$

6) $6 \times 11 = 66$

21) $6 \times 7 = 42$

36) $7 \times 5 = 35$

7) $7 \times 10 = 70$

22) $3 \times 10 = 30$

37) $12 \times 10 = 120$

8) $10 \times 11 = 110$

23) $10 \times 11 = 110$

38) $7 \times 6 = 42$

9) $12 \times 2 = 24$

24) $2 \times 7 = 14$

39) $1 \times 1 = 1$

10) $5 \times 11 = 55$

25) $4 \times 7 = 28$

40) $3 \times 3 = 9$

11) $8 \times 4 = 32$

26) $7 \times 11 = 77$

41) $2 \times 9 = 18$

12) $5 \times 11 = 55$

27) $2 \times 4 = 8$

42) $5 \times 8 = 40$

13) $6 \times 7 = 42$

28) $4 \times 9 = 36$

43) $4 \times 5 = 20$

14) $4 \times 12 = 48$

29) $6 \times 8 = 48$

44) $11 \times 8 = 88$

15) $9 \times 8 = 72$

30) $6 \times 2 = 12$

45) $2 \times 2 = 4$

and