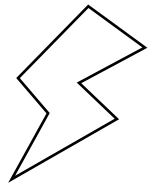
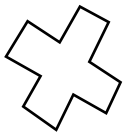


NAME: \_\_\_\_\_

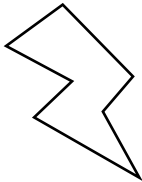


3s 4s 8s

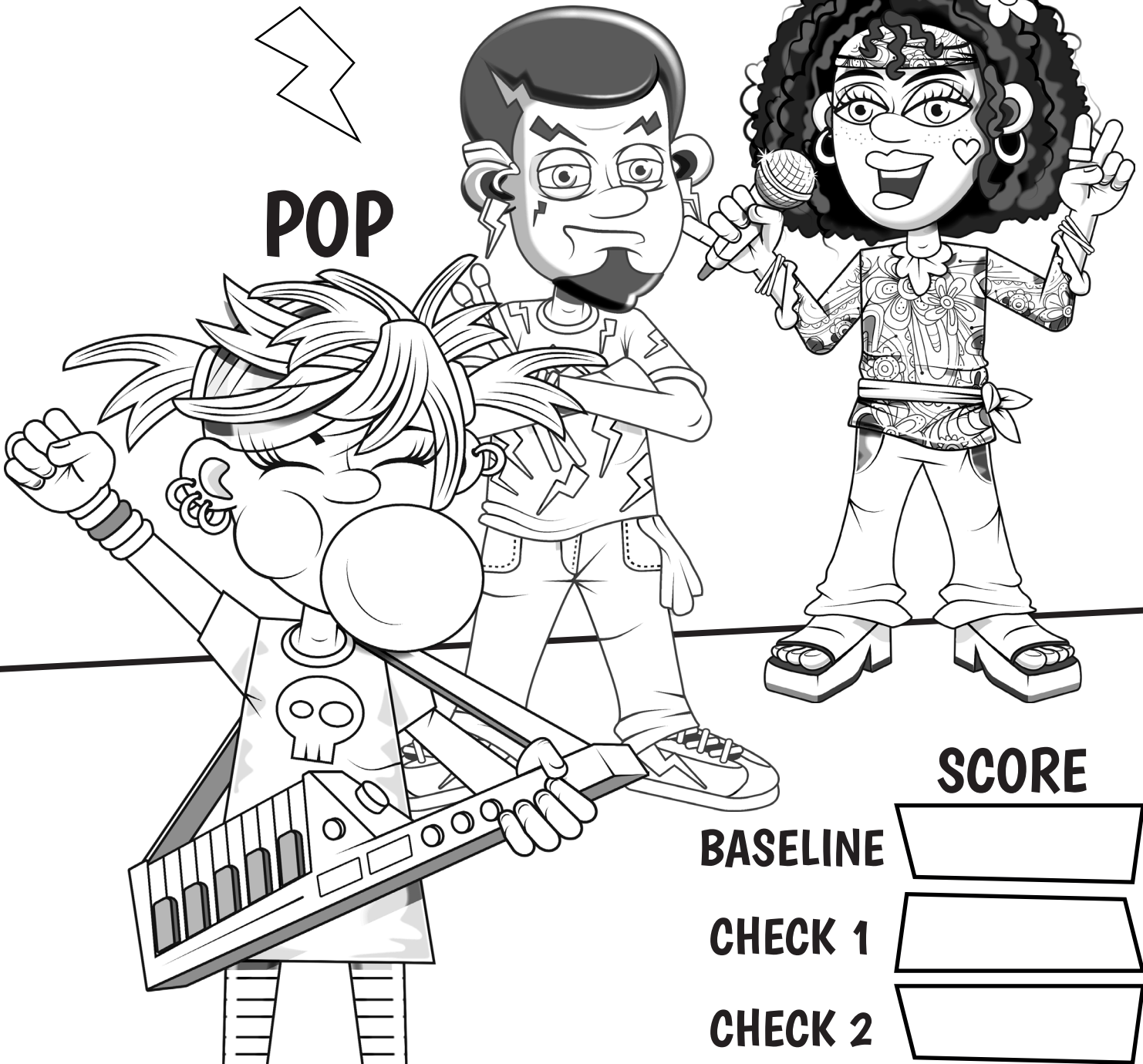


SPARK

GROOVE



POP



SCORE

BASELINE

CHECK 1

CHECK 2



# BASELINE



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $3 \times 3 = [9]$

2.  $8 \times 3 = [24]$

3.  $4 \times 10 = [40]$

4.  $1 \times 4 = [4]$

5.  $8 \times 4 = [32]$

6.  $11 \times 3 = [33]$

7.  $3 \times 8 = [24]$

8.  $3 \times 7 = [21]$

9.  $3 \times 1 = [3]$

10.  $3 \times 1 = [3]$

11.  $8 \times 7 = [56]$

12.  $12 \times 4 = [48]$

13.  $5 \times 3 = [15]$

14.  $4 \times 6 = [24]$

15.  $6 \times 4 = [24]$

16.  $9 \times 8 = [72]$

17.  $8 \times 6 = [48]$

18.  $8 \times 6 = [48]$

19.  $7 \times 4 = [28]$

20.  $3 \times 8 = [24]$

21.  $2 \times 8 = [16]$

22.  $1 \times 3 = [3]$

23.  $4 \times 11 = [44]$

24.  $1 \times 4 = [4]$

25.  $8 \times 3 = [24]$

26.  $5 \times 4 = [20]$

27.  $5 \times 4 = [20]$

28.  $3 \times 6 = [18]$

29.  $4 \times 9 = [36]$

30.  $10 \times 3 = [30]$

31.  $8 \times 3 = [24]$

32.  $24 \div 6 = [4]$

33.  $27 \div 3 = [9]$

34.  $44 \div 11 = [4]$

35.  $8 \div 2 = [4]$

36.  $88 \div 8 = [11]$

37.  $4 \div 4 = [1]$

38.  $32 \div 4 = [8]$

39.  $12 \div 4 = [3]$

40.  $27 \div 3 = [9]$

41.  $32 \div 4 = [8]$

42.  $56 \div 8 = [7]$

43.  $12 \div 3 = [4]$

44.  $21 \div 7 = [3]$

45.  $88 \div 8 = [11]$

46.  $72 \div 9 = [8]$

47.  $44 \div 11 = [4]$

48.  $15 \div 3 = [5]$

49.  $44 \div 4 = [11]$

50.  $64 \div 8 = [8]$

51.  $80 \div 10 = [8]$

52.  $24 \div 8 = [3]$

53.  $12 \div 3 = [4]$

54.  $27 \div 9 = [3]$

55.  $9 \div 3 = [3]$

56.  $12 \div 4 = [3]$

57.  $32 \div 4 = [8]$

58.  $9 \div 3 = [3]$

59.  $80 \div 8 = [10]$

60.  $88 \div 11 = [8]$

**SCORE:**  
(5 minute limit)

**/60**

TIME TAKEN (optional)

MINUTES SECONDS



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# MULTIPLICATION 1

Testing 3, 4, 8

1.  $4 \times 5 = [20]$

2.  $10 \times 4 = [40]$

3.  $11 \times 4 = [44]$

4.  $8 \times 5 = [40]$

5.  $7 \times 8 = [56]$

6.  $4 \times 8 = [32]$

7.  $8 \times 12 = [96]$

8.  $8 \times 7 = [56]$

9.  $8 \times 7 = [56]$

10.  $4 \times 4 = [16]$

11.  $6 \times 3 = [18]$

12.  $4 \times 5 = [20]$

13.  $8 \times 11 = [88]$

14.  $4 \times 5 = [20]$

15.  $4 \times 12 = [48]$

16.  $4 \times 6 = [24]$

17.  $3 \times 10 = [30]$

18.  $7 \times 3 = [21]$

19.  $2 \times 3 = [6]$

20.  $4 \times 10 = [40]$

21.  $8 \times 8 = [64]$

22.  $4 \times 1 = [4]$

23.  $8 \times 2 = [16]$

24.  $8 \times 8 = [64]$

25.  $4 \times 6 = [24]$

26.  $9 \times 3 = [27]$

27.  $2 \times 8 = [16]$

28.  $8 \times 12 = [96]$

29.  $8 \times 7 = [56]$

30.  $4 \times 4 = [16]$

31.  $2 \times 4 = [8]$

32.  $4 \times 6 = [24]$

33.  $11 \times 4 = [44]$

34.  $3 \times 9 = [27]$

35.  $7 \times 8 = [56]$

36.  $10 \times 4 = [40]$

37.  $8 \times 1 = [8]$

38.  $4 \times 5 = [20]$

39.  $6 \times 8 = [48]$

40.  $2 \times 4 = [8]$

41.  $8 \times 6 = [48]$

42.  $8 \times 10 = [80]$

43.  $4 \times 6 = [24]$

44.  $4 \times 7 = [28]$

45.  $1 \times 8 = [8]$

46.  $3 \times 10 = [30]$

47.  $9 \times 4 = [36]$

48.  $7 \times 4 = [28]$

49.  $8 \times 11 = [88]$

50.  $4 \times 9 = [36]$

51.  $12 \times 8 = [96]$

52.  $3 \times 9 = [27]$

53.  $10 \times 4 = [40]$

54.  $8 \times 7 = [56]$

55.  $3 \times 2 = [6]$

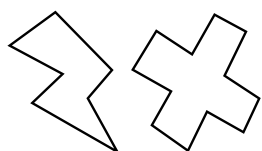
56.  $11 \times 4 = [44]$

57.  $4 \times 9 = [36]$

58.  $12 \times 8 = [96]$

59.  $8 \times 8 = [64]$

60.  $3 \times 10 = [30]$



**SCORE:**

**Grown-ups:**  
Can learners spot links  
between neighbouring  
questions?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# MISSING NUMBER 1

Testing 3, 4, 8

1.  $[3] \times 4 = 12$

2.  $4 \times [3] = 12$

3.  $4 \times [4] = 16$

4.  $4 \times [7] = 28$

5.  $8 \times [4] = 32$

6.  $[1] \times 4 = 4$

7.  $3 \times [11] = 33$

8.  $4 \times [3] = 12$

9.  $[4] \times 10 = 40$

10.  $3 \times [8] = 24$

11.  $4 \times [7] = 28$

12.  $[7] \times 3 = 21$

13.  $8 \times [11] = 88$

14.  $4 \times [9] = 36$

15.  $[3] \times 3 = 9$

16.  $10 \times [4] = 40$

17.  $3 \times [4] = 12$

18.  $11 \times [8] = 88$

19.  $8 \times [2] = 16$

20.  $[3] \times 12 = 36$

21.  $8 \times [8] = 64$

22.  $[3] \times 3 = 9$

23.  $11 \times [4] = 44$

24.  $8 \times [8] = 64$

25.  $[7] \times 3 = 21$

26.  $3 \times [5] = 15$

27.  $5 \times [8] = 40$

28.  $[11] \times 8 = 88$

29.  $8 \times [11] = 88$

30.  $[9] \times 8 = 72$

31.  $7 \times [8] = 56$

32.  $[3] \times 9 = 27$

33.  $[9] \times 3 = 27$

34.  $[3] \times 12 = 36$

35.  $3 \times [3] = 9$

36.  $[9] \times 4 = 36$

37.  $[8] \times 3 = 24$

38.  $8 \times [10] = 80$

39.  $10 \times [8] = 80$

40.  $10 \times [8] = 80$

41.  $8 \times [11] = 88$

42.  $[11] \times 8 = 88$

43.  $[4] \times 7 = 28$

44.  $2 \times [3] = 6$

45.  $[8] \times 4 = 32$

46.  $[8] \times 4 = 32$

47.  $7 \times [3] = 21$

48.  $[4] \times 12 = 48$

49.  $[3] \times 7 = 21$

50.  $6 \times [3] = 18$

51.  $8 \times [7] = 56$

52.  $3 \times [4] = 12$

53.  $10 \times [3] = 30$

54.  $[3] \times 4 = 12$

55.  $[4] \times 11 = 44$

56.  $[12] \times 3 = 36$

57.  $3 \times [3] = 9$

58.  $2 \times [4] = 8$

59.  $3 \times [12] = 36$

60.  $[12] \times 3 = 36$



**SCORE:**

**Grown-ups:**  
Can learners spot links between neighbouring questions?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# DIVISION 1

Testing 3, 4, 8

1.  $27 \div 9 = [3]$

2.  $33 \div 11 = [3]$

3.  $72 \div 9 = [8]$

4.  $96 \div 12 = [8]$

5.  $3 \div 3 = [1]$

6.  $16 \div 4 = [4]$

7.  $20 \div 4 = [5]$

8.  $44 \div 4 = [11]$

9.  $16 \div 4 = [4]$

10.  $96 \div 12 = [8]$

11.  $56 \div 8 = [7]$

12.  $48 \div 12 = [4]$

13.  $8 \div 4 = [2]$

14.  $12 \div 3 = [4]$

15.  $16 \div 8 = [2]$

16.  $12 \div 3 = [4]$

17.  $18 \div 6 = [3]$

18.  $48 \div 8 = [6]$

19.  $18 \div 6 = [3]$

20.  $16 \div 2 = [8]$

21.  $16 \div 4 = [4]$

22.  $4 \div 1 = [4]$

23.  $33 \div 11 = [3]$

24.  $72 \div 9 = [8]$

25.  $40 \div 8 = [5]$

26.  $4 \div 1 = [4]$

27.  $48 \div 4 = [12]$

28.  $40 \div 5 = [8]$

29.  $27 \div 3 = [9]$

30.  $32 \div 4 = [8]$

31.  $4 \div 1 = [4]$

32.  $64 \div 8 = [8]$

33.  $32 \div 8 = [4]$

34.  $30 \div 3 = [10]$

35.  $20 \div 5 = [4]$

36.  $36 \div 3 = [12]$

37.  $48 \div 8 = [6]$

38.  $18 \div 6 = [3]$

39.  $16 \div 8 = [2]$

40.  $3 \div 1 = [3]$

41.  $6 \div 3 = [2]$

42.  $48 \div 6 = [8]$

43.  $24 \div 3 = [8]$

44.  $48 \div 4 = [12]$

45.  $24 \div 4 = [6]$

46.  $12 \div 3 = [4]$

47.  $40 \div 4 = [10]$

48.  $44 \div 4 = [11]$

49.  $36 \div 12 = [3]$

50.  $12 \div 3 = [4]$

51.  $28 \div 4 = [7]$

52.  $21 \div 3 = [7]$

53.  $21 \div 3 = [7]$

54.  $24 \div 3 = [8]$

55.  $3 \div 3 = [1]$

56.  $36 \div 3 = [12]$

57.  $56 \div 8 = [7]$

58.  $88 \div 11 = [8]$

59.  $8 \div 8 = [1]$

60.  $6 \div 3 = [2]$



**SCORE:**

**Grown-ups:**  
Can learners spot links  
between neighbouring  
questions?





# CHECK 1



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $4 \times 8 = [32]$

21.  $3 \times 1 = [3]$

41.  $20 \div 5 = [4]$

2.  $3 \times 12 = [36]$

22.  $3 \times 9 = [27]$

42.  $36 \div 3 = [12]$

3.  $3 \times 3 = [9]$

23.  $8 \times 8 = [64]$

43.  $8 \div 8 = [1]$

4.  $8 \times 3 = [24]$

24.  $9 \times 4 = [36]$

44.  $64 \div 8 = [8]$

5.  $10 \times 4 = [40]$

25.  $11 \times 8 = [88]$

45.  $40 \div 10 = [4]$

6.  $4 \times 1 = [4]$

26.  $3 \times 12 = [36]$

46.  $18 \div 6 = [3]$

7.  $3 \times 4 = [12]$

27.  $4 \times 5 = [20]$

47.  $32 \div 4 = [8]$

8.  $4 \times 5 = [20]$

28.  $1 \times 4 = [4]$

48.  $72 \div 9 = [8]$

9.  $8 \times 5 = [40]$

29.  $3 \times 4 = [12]$

49.  $36 \div 9 = [4]$

10.  $8 \times 1 = [8]$

30.  $3 \times 12 = [36]$

50.  $16 \div 4 = [4]$

11.  $4 \times 3 = [12]$

31.  $4 \times 4 = [16]$

51.  $12 \div 3 = [4]$

12.  $10 \times 8 = [80]$

32.  $72 \div 9 = [8]$

52.  $16 \div 2 = [8]$

13.  $8 \times 8 = [64]$

33.  $24 \div 3 = [8]$

53.  $96 \div 12 = [8]$

14.  $3 \times 10 = [30]$

34.  $20 \div 4 = [5]$

54.  $88 \div 8 = [11]$

15.  $3 \times 2 = [6]$

35.  $16 \div 2 = [8]$

55.  $40 \div 4 = [10]$

16.  $8 \times 6 = [48]$

36.  $16 \div 4 = [4]$

56.  $64 \div 8 = [8]$

17.  $8 \times 7 = [56]$

37.  $80 \div 10 = [8]$

57.  $6 \div 3 = [2]$

18.  $8 \times 2 = [16]$

38.  $9 \div 3 = [3]$

58.  $18 \div 6 = [3]$

19.  $5 \times 3 = [15]$

39.  $28 \div 7 = [4]$

59.  $32 \div 8 = [4]$

20.  $7 \times 3 = [21]$

40.  $80 \div 8 = [10]$

60.  $80 \div 10 = [8]$

**SCORE:**  
(5 minute limit)

**/60**

TIME TAKEN (optional)

MINUTES SECONDS



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# MULTIPLICATION 2

Testing 3, 4, 8

1.  $3 \times 10 = [30]$

2.  $8 \times 8 = [64]$

3.  $12 \times 8 = [96]$

4.  $7 \times 4 = [28]$

5.  $6 \times 4 = [24]$

6.  $4 \times 8 = [32]$

7.  $8 \times 4 = [32]$

8.  $4 \times 4 = [16]$

9.  $2 \times 4 = [8]$

10.  $4 \times 8 = [32]$

11.  $12 \times 4 = [48]$

12.  $3 \times 10 = [30]$

13.  $4 \times 8 = [32]$

14.  $8 \times 8 = [64]$

15.  $10 \times 8 = [80]$

16.  $3 \times 12 = [36]$

17.  $4 \times 3 = [12]$

18.  $4 \times 7 = [28]$

19.  $3 \times 4 = [12]$

20.  $6 \times 4 = [24]$

21.  $4 \times 11 = [44]$

22.  $5 \times 4 = [20]$

23.  $2 \times 4 = [8]$

24.  $4 \times 8 = [32]$

25.  $3 \times 9 = [27]$

26.  $4 \times 11 = [44]$

27.  $3 \times 5 = [15]$

28.  $1 \times 3 = [3]$

29.  $11 \times 3 = [33]$

30.  $1 \times 3 = [3]$

31.  $7 \times 4 = [28]$

32.  $3 \times 8 = [24]$

33.  $11 \times 8 = [88]$

34.  $4 \times 11 = [44]$

35.  $10 \times 4 = [40]$

36.  $7 \times 8 = [56]$

37.  $8 \times 12 = [96]$

38.  $4 \times 12 = [48]$

39.  $3 \times 3 = [9]$

40.  $3 \times 2 = [6]$

41.  $11 \times 4 = [44]$

42.  $8 \times 10 = [80]$

43.  $3 \times 2 = [6]$

44.  $3 \times 1 = [3]$

45.  $3 \times 10 = [30]$

46.  $2 \times 8 = [16]$

47.  $1 \times 8 = [8]$

48.  $9 \times 8 = [72]$

49.  $8 \times 11 = [88]$

50.  $8 \times 8 = [64]$

51.  $9 \times 4 = [36]$

52.  $7 \times 4 = [28]$

53.  $4 \times 10 = [40]$

54.  $4 \times 8 = [32]$

55.  $3 \times 8 = [24]$

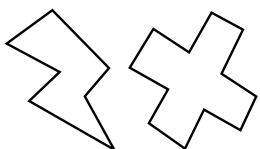
56.  $3 \times 4 = [12]$

57.  $4 \times 5 = [20]$

58.  $4 \times 12 = [48]$

59.  $11 \times 4 = [44]$

60.  $11 \times 3 = [33]$



**SCORE:**

**Grown-ups:**  
Can learners spot links  
between neighbouring  
questions?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# MISSING NUMBER 2

Testing 3, 4, 8

1.  $[3] \times 6 = 18$

2.  $[7] \times 8 = 56$

3.  $[3] \times 3 = 9$

4.  $[3] \times 8 = 24$

5.  $[2] \times 8 = 16$

6.  $4 \times [4] = 16$

7.  $4 \times [8] = 32$

8.  $[3] \times 3 = 9$

9.  $4 \times [11] = 44$

10.  $[2] \times 4 = 8$

11.  $[9] \times 3 = 27$

12.  $[8] \times 12 = 96$

13.  $[10] \times 4 = 40$

14.  $4 \times [6] = 24$

15.  $8 \times [9] = 72$

16.  $[8] \times 12 = 96$

17.  $3 \times [2] = 6$

18.  $4 \times [1] = 4$

19.  $5 \times [8] = 40$

20.  $7 \times [4] = 28$

21.  $[3] \times 5 = 15$

22.  $[4] \times 4 = 16$

23.  $7 \times [3] = 21$

24.  $8 \times [10] = 80$

25.  $[11] \times 4 = 44$

26.  $4 \times [10] = 40$

27.  $3 \times [8] = 24$

28.  $4 \times [8] = 32$

29.  $10 \times [4] = 40$

30.  $8 \times [10] = 80$

31.  $8 \times [8] = 64$

32.  $8 \times [8] = 64$

33.  $4 \times [9] = 36$

34.  $[3] \times 1 = 3$

35.  $8 \times [7] = 56$

36.  $[2] \times 4 = 8$

37.  $[8] \times 8 = 64$

38.  $8 \times [8] = 64$

39.  $8 \times [3] = 24$

40.  $4 \times [12] = 48$

41.  $[4] \times 8 = 32$

42.  $3 \times [12] = 36$

43.  $[3] \times 8 = 24$

44.  $[4] \times 4 = 16$

45.  $5 \times [3] = 15$

46.  $[4] \times 9 = 36$

47.  $3 \times [6] = 18$

48.  $4 \times [4] = 16$

49.  $1 \times [3] = 3$

50.  $12 \times [8] = 96$

51.  $3 \times [4] = 12$

52.  $9 \times [3] = 27$

53.  $4 \times [9] = 36$

54.  $[8] \times 11 = 88$

55.  $8 \times [8] = 64$

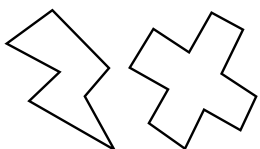
56.  $[7] \times 4 = 28$

57.  $[5] \times 8 = 40$

58.  $9 \times [3] = 27$

59.  $1 \times [3] = 3$

60.  $[3] \times 4 = 12$



**SCORE:**

**Grown-ups:**  
Can learners spot links between neighbouring questions?



Name: \_\_\_\_\_

Date: \_\_\_\_\_

# DIVISION 2

Testing 3, 4, 8

1.  $16 \div 4 = [4]$

2.  $30 \div 10 = [3]$

3.  $16 \div 4 = [4]$

4.  $8 \div 4 = [2]$

5.  $72 \div 9 = [8]$

6.  $12 \div 4 = [3]$

7.  $32 \div 4 = [8]$

8.  $44 \div 4 = [11]$

9.  $48 \div 6 = [8]$

10.  $28 \div 4 = [7]$

11.  $6 \div 2 = [3]$

12.  $64 \div 8 = [8]$

13.  $24 \div 8 = [3]$

14.  $6 \div 2 = [3]$

15.  $6 \div 3 = [2]$

16.  $24 \div 3 = [8]$

17.  $24 \div 4 = [6]$

18.  $18 \div 6 = [3]$

19.  $40 \div 10 = [4]$

20.  $21 \div 3 = [7]$

21.  $3 \div 1 = [3]$

22.  $32 \div 4 = [8]$

23.  $96 \div 12 = [8]$

24.  $16 \div 2 = [8]$

25.  $30 \div 10 = [3]$

26.  $12 \div 3 = [4]$

27.  $44 \div 4 = [11]$

28.  $16 \div 2 = [8]$

29.  $32 \div 4 = [8]$

30.  $56 \div 8 = [7]$

31.  $40 \div 10 = [4]$

32.  $24 \div 8 = [3]$

33.  $56 \div 8 = [7]$

34.  $36 \div 4 = [9]$

35.  $24 \div 4 = [6]$

36.  $9 \div 3 = [3]$

37.  $80 \div 8 = [10]$

38.  $20 \div 4 = [5]$

39.  $20 \div 4 = [5]$

40.  $16 \div 2 = [8]$

41.  $32 \div 8 = [4]$

42.  $12 \div 3 = [4]$

43.  $16 \div 4 = [4]$

44.  $20 \div 5 = [4]$

45.  $96 \div 8 = [12]$

46.  $8 \div 2 = [4]$

47.  $18 \div 3 = [6]$

48.  $40 \div 8 = [5]$

49.  $36 \div 3 = [12]$

50.  $8 \div 4 = [2]$

51.  $27 \div 3 = [9]$

52.  $36 \div 3 = [12]$

53.  $21 \div 3 = [7]$

54.  $28 \div 7 = [4]$

55.  $27 \div 3 = [9]$

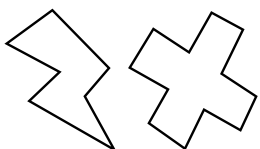
56.  $16 \div 8 = [2]$

57.  $48 \div 6 = [8]$

58.  $88 \div 8 = [11]$

59.  $24 \div 8 = [3]$

60.  $24 \div 3 = [8]$



**SCORE:**

**Grown-ups:**  
Can learners spot links  
between neighbouring  
questions?





# CHECK 2



Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $8 \times 6 = [48]$

2.  $3 \times 8 = [24]$

3.  $7 \times 4 = [28]$

4.  $8 \times 4 = [32]$

5.  $3 \times 4 = [12]$

6.  $4 \times 3 = [12]$

7.  $2 \times 3 = [6]$

8.  $4 \times 5 = [20]$

9.  $3 \times 2 = [6]$

10.  $4 \times 4 = [16]$

11.  $3 \times 2 = [6]$

12.  $11 \times 3 = [33]$

13.  $3 \times 3 = [9]$

14.  $8 \times 1 = [8]$

15.  $4 \times 5 = [20]$

16.  $8 \times 12 = [96]$

17.  $3 \times 10 = [30]$

18.  $6 \times 3 = [18]$

19.  $3 \times 2 = [6]$

20.  $3 \times 10 = [30]$

21.  $5 \times 3 = [15]$

22.  $4 \times 6 = [24]$

23.  $8 \times 4 = [32]$

24.  $11 \times 3 = [33]$

25.  $9 \times 3 = [27]$

26.  $4 \times 5 = [20]$

27.  $4 \times 11 = [44]$

28.  $11 \times 3 = [33]$

29.  $2 \times 8 = [16]$

30.  $3 \times 8 = [24]$

31.  $8 \times 4 = [32]$

32.  $3 \div 1 = [3]$

33.  $72 \div 9 = [8]$

34.  $24 \div 4 = [6]$

35.  $64 \div 8 = [8]$

36.  $16 \div 2 = [8]$

37.  $64 \div 8 = [8]$

38.  $3 \div 1 = [3]$

39.  $18 \div 3 = [6]$

40.  $15 \div 5 = [3]$

41.  $72 \div 8 = [9]$

42.  $15 \div 3 = [5]$

43.  $96 \div 12 = [8]$

44.  $36 \div 9 = [4]$

45.  $24 \div 3 = [8]$

46.  $24 \div 8 = [3]$

47.  $44 \div 4 = [11]$

48.  $18 \div 3 = [6]$

49.  $24 \div 6 = [4]$

50.  $64 \div 8 = [8]$

51.  $12 \div 3 = [4]$

52.  $16 \div 8 = [2]$

53.  $80 \div 8 = [10]$

54.  $20 \div 5 = [4]$

55.  $80 \div 10 = [8]$

56.  $32 \div 4 = [8]$

57.  $24 \div 6 = [4]$

58.  $48 \div 6 = [8]$

59.  $24 \div 6 = [4]$

60.  $6 \div 3 = [2]$

**SCORE:**  
(5 minute limit)

**/60**

TIME TAKEN (optional)

<input type="text"/>	<input type="text"/>
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MINUTES SECONDS

