# Football-Themed 3 Times Table Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

| **blue** = 1-5 | **red** = 6-11 | **skin colour of your choice** = 12 | **green** = 15-21 | **black** = 24-27 | **hair colour of your choice** = 30-33 | **white** = 36 |
|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 × 3 | 15 ÷ 3 | 9 ÷ 3 | 3 ÷ 3 | 11 × 3 | 10 × 3 | 11 × 3 | 6 ÷ 3 | 3 ÷ 3 |
| 12 ÷ 3 | 6 ÷ 3 | 15 ÷ 3 | 12 ÷ 3 | 8 × 3 | 4 × 3 | 9 × 3 | 15 ÷ 3 | 12 ÷ 3 |
| 9 ÷ 3 | 12 ÷ 3 | 6 ÷ 3 | 9 ÷ 3 | 4 × 3 | 36 ÷ 3 | 4 × 3 | 9 ÷ 3 | 1 × 3 |
| 12 ÷ 3 | 15 ÷ 3 | 9 ÷ 3 | 3 ÷ 3 | 15 ÷ 3 | 4 × 3 | 3 ÷ 3 | 15 ÷ 3 | 12 ÷ 3 |
| 15 ÷ 3 | 6 ÷ 3 | 15 ÷ 3 | 3 × 3 | 30 ÷ 3 | 18 ÷ 3 | 27 ÷ 3 | 24 ÷ 3 | 6 ÷ 3 |
| 9 ÷ 3 | 12 ÷ 3 | 1 × 3 | 4 × 3 | 24 ÷ 3 | 2 × 3 | 21 ÷ 3 | 36 ÷ 3 | 12 ÷ 3 |
| 3 ÷ 3 | 9 ÷ 3 | 9 ÷ 3 | 36 ÷ 3 | 27 ÷ 3 | 33 ÷ 3 | 2 × 3 | 4 × 3 | 1 × 3 |
| 5 × 3 | 7 × 3 | 6 × 3 | 7 × 3 | 4 × 3 | 7 × 3 | 36 ÷ 3 | 5 × 3 | 7 × 3 |
| 9 × 3 | 12 × 3 | 5 × 3 | 6 × 3 | 18 ÷ 3 | 6 × 3 | 24 ÷ 3 | 7 × 3 | 6 × 3 |
| 12 × 3 | 8 × 3 | 6 × 3 | 9 × 3 | 8 × 3 | 5 × 3 | 9 × 3 | 8 × 3 | 5 × 3 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

21 ÷ 3 = 7 30 ÷ 3 = 10 9 × 3 = 27

# Football-Themed 3 Times Table Mosaic

## Answers

| **blue** = 1-5 | **red** = 6-11 | **skin colour of your choice** = 12 | **green** = 15-21 | **black** = 24-27 | **hair colour of your choice** = 30-33 | **white** = 36 |
|---|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 × 3 | 15 ÷ 3 | 9 ÷ 3 | 3 ÷ 3 | 11 × 3 | 10 × 3 | 11 × 3 | 6 ÷ 3 | 3 ÷ 3 |
| 12 ÷ 3 | 6 ÷ 3 | 15 ÷ 3 | 12 ÷ 3 | 8 × 3 | 4 × 3 | 9 × 3 | 15 ÷ 3 | 12 ÷ 3 |
| 9 ÷ 3 | 12 ÷ 3 | 6 ÷ 3 | 9 ÷ 3 | 4 × 3 | 36 ÷ 3 | 4 × 3 | 9 ÷ 3 | 1 × 3 |
| 12 ÷ 3 | 15 ÷ 3 | 9 ÷ 3 | 3 ÷ 3 | 15 ÷ 3 | 4 × 3 | 3 ÷ 3 | 15 ÷ 3 | 12 ÷ 3 |
| 15 ÷ 3 | 6 ÷ 3 | 15 ÷ 3 | 3 × 3 | 30 ÷ 3 | 18 ÷ 3 | 27 ÷ 3 | 24 ÷ 3 | 6 ÷ 3 |
| 9 ÷ 3 | 12 ÷ 3 | 1 × 3 | 4 × 3 | 24 ÷ 3 | 2 × 3 | 21 ÷ 3 | 36 ÷ 3 | 12 ÷ 3 |
| 3 ÷ 3 | 9 ÷ 3 | 9 ÷ 3 | 36 ÷ 3 | 27 ÷ 3 | 33 ÷ 3 | 2 × 3 | 4 × 3 | 1 × 3 |
| 5 × 3 | 7 × 3 | 6 × 3 | 7 × 3 | 4 × 3 | 7 × 3 | 36 ÷ 3 | 5 × 3 | 7 × 3 |
| 9 × 3 | 12 × 3 | 5 × 3 | 6 × 3 | 18 ÷ 3 | 6 × 3 | 24 ÷ 3 | 7 × 3 | 6 × 3 |
| 12 × 3 | 8 × 3 | 6 × 3 | 9 × 3 | 8 × 3 | 5 × 3 | 9 × 3 | 8 × 3 | 5 × 3 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

21 ÷ 3 = 7
**7 × 3 = 21 or 3 × 7 = 21**

30 ÷ 3 = 10
**10 × 3 = 30 or 3 × 10 = 30**

9 × 3 = 27
**27 ÷ 3 = 9 or 27 ÷ 9 = 3**

# Football-Themed 4 Times Table Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

| **black** | **yellow or gold** | **green** | **blue** |
|---|---|---|---|
| = 1-3 | = 4-16 | = 17-33 | = 34-50 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9 × 4 | 11 × 4 | 10 × 4 | 1 × 4 | 28 ÷ 4 | 20 ÷ 4 | 11 × 4 | 9 × 4 | 10 × 4 |
| 12 × 4 | 24 ÷ 4 | 40 ÷ 4 | 16 ÷ 4 | 36 ÷ 4 | 28 ÷ 4 | 36 ÷ 4 | 16 ÷ 4 | 12 × 4 |
| 20 ÷ 4 | 9 × 4 | 28 ÷ 4 | 16 ÷ 4 | 32 ÷ 4 | 24 ÷ 4 | 2 × 4 | 11 × 4 | 28 ÷ 4 |
| 4 × 4 | 10 × 4 | 44 ÷ 4 | 20 ÷ 4 | 48 ÷ 4 | 28 ÷ 4 | 44 ÷ 4 | 9 × 4 | 20 ÷ 4 |
| 9 × 4 | 24 ÷ 4 | 16 ÷ 4 | 36 ÷ 4 | 3 × 4 | 36 ÷ 4 | 24 ÷ 4 | 36 ÷ 4 | 12 × 4 |
| 11 × 4 | 9 × 4 | 12 × 4 | 48 ÷ 4 | 28 ÷ 4 | 40 ÷ 4 | 10 × 4 | 11 × 4 | 9 × 4 |
| 9 × 4 | 12 × 4 | 10 × 4 | 11 × 4 | 16 ÷ 4 | 9 × 4 | 12 × 4 | 9 × 4 | 10 × 4 |
| 5 × 4 | 7 × 4 | 6 × 4 | 8 × 4 | 32 ÷ 4 | 8 × 4 | 5 × 4 | 6 × 4 | 5 × 4 |
| 7 × 4 | 8 × 4 | 5 × 4 | 20 ÷ 4 | 44 ÷ 4 | 16 ÷ 4 | 8 × 4 | 8 × 4 | 6 × 4 |
| 6 × 4 | 7 × 4 | 4 ÷ 4 | 12 ÷ 4 | 8 ÷ 4 | 12 ÷ 4 | 8 ÷ 4 | 5 × 4 | 7 × 4 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

32 ÷ 4 = 8 44 ÷ 4 = 11 20 ÷ 4 = 5

# Football-Themed 4 Times Table Mosaic

# Answers

| **black** = 1-3 | **yellow or gold** = 4-16 | **green** = 17-33 | **blue** = 34-50 |
|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9 × 4 | 11 × 4 | 10 × 4 | 1 × 4 | 28 ÷ 4 | 20 ÷ 4 | 11 × 4 | 9 × 4 | 10 × 4 |
| 12 × 4 | 24 ÷ 4 | 40 ÷ 4 | 16 ÷ 4 | 36 ÷ 4 | 28 ÷ 4 | 36 ÷ 4 | 16 ÷ 4 | 12 × 4 |
| 20 ÷ 4 | 9 × 4 | 28 ÷ 4 | 16 ÷ 4 | 32 ÷ 4 | 24 ÷ 4 | 2 × 4 | 11 × 4 | 28 ÷ 4 |
| 4 × 4 | 10 × 4 | 44 ÷ 4 | 20 ÷ 4 | 48 ÷ 4 | 28 ÷ 4 | 44 ÷ 4 | 9 × 4 | 20 ÷ 4 |
| 9 × 4 | 24 ÷ 4 | 16 ÷ 4 | 36 ÷ 4 | 3 × 4 | 36 ÷ 4 | 24 ÷ 4 | 36 ÷ 4 | 12 × 4 |
| 11 × 4 | 9 × 4 | 12 × 4 | 48 ÷ 4 | 28 ÷ 4 | 40 ÷ 4 | 10 × 4 | 11 × 4 | 9 × 4 |
| 9 × 4 | 12 × 4 | 10 × 4 | 11 × 4 | 16 ÷ 4 | 9 × 4 | 12 × 4 | 9 × 4 | 10 × 4 |
| 5 × 4 | 7 × 4 | 6 × 4 | 8 × 4 | 32 ÷ 4 | 8 × 4 | 5 × 4 | 6 × 4 | 5 × 4 |
| 7 × 4 | 8 × 4 | 5 × 4 | 20 ÷ 4 | 44 ÷ 4 | 16 ÷ 4 | 8 × 4 | 8 × 4 | 6 × 4 |
| 6 × 4 | 7 × 4 | 4 ÷ 4 | 12 ÷ 4 | 8 ÷ 4 | 12 ÷ 4 | 8 ÷ 4 | 5 × 4 | 7 × 4 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

32 ÷ 4 = 8
**8 × 4 = 32 or 4 × 8 = 32**

44 ÷ 4 = 11
**11 × 4 = 44 or 4 × 11 = 44**

20 ÷ 4 = 5
**5 × 4 = 20 or 4 × 5 = 20**

# Football-Themed 8 Times Table Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

**green** = 1-8 **black** = 9-40 **white** = 41-96

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16 ÷ 8 | 32 ÷ 8 | 1 × 8 | 72 ÷ 8 | 2 × 8 | 7 × 8 | 24 ÷ 8 | 8 ÷ 8 | 48 ÷ 8 |
| 8 ÷ 8 | 40 ÷ 8 | 96 ÷ 8 | 3 × 8 | 80 ÷ 8 | 11 × 8 | 8 × 8 | 64 ÷ 8 | 32 ÷ 8 |
| 56 ÷ 8 | 9 × 8 | 10 × 8 | 12 × 8 | 8 × 8 | 9 × 8 | 12 × 8 | 3 × 8 | 1 × 8 |
| 7 × 8 | 11 × 8 | 7 × 8 | 10 × 8 | 2 × 8 | 11 × 8 | 10 × 8 | 72 ÷ 8 | 5 × 8 |
| 9 × 8 | 10 × 8 | 12 × 8 | 80 ÷ 8 | 4 × 8 | 72 ÷ 8 | 11 × 8 | 9 × 8 | 88 ÷ 8 |
| 5 × 8 | 7 × 8 | 10 × 8 | 4 × 8 | 3 × 8 | 5 × 8 | 7 × 8 | 12 × 8 | 8 × 8 |
| 72 ÷ 8 | 4 × 8 | 12 × 8 | 9 × 8 | 96 ÷ 8 | 9 × 8 | 11 × 8 | 7 × 8 | 11 × 8 |
| 8 ÷ 8 | 3 × 8 | 7 × 8 | 11 × 8 | 7 × 8 | 12 × 8 | 88 ÷ 8 | 11 × 8 | 16 ÷ 8 |
| 40 ÷ 8 | 1 × 8 | 10 × 8 | 12 × 8 | 96 ÷ 8 | 72 ÷ 8 | 4 × 8 | 1 × 8 | 48 ÷ 8 |
| 56 ÷ 8 | 48 ÷ 8 | 24 ÷ 8 | 8 × 8 | 9 × 8 | 3 × 8 | 56 ÷ 8 | 32 ÷ 8 | 64 ÷ 8 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

72 ÷ 8 = 9 48 ÷ 8 = 6 56 ÷ 8 = 7

# Football-Themed 8 Times Table Mosaic

# Answers

**green** = 1-8

**black** = 9-40

**white** = 41-96

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16 ÷ 8 | 32 ÷ 8 | 1 × 8 | 72 ÷ 8 | 2 × 8 | 7 × 8 | 24 ÷ 8 | 8 ÷ 8 | 48 ÷ 8 |
| 8 ÷ 8 | 40 ÷ 8 | 96 ÷ 8 | 3 × 8 | 80 ÷ 8 | 11 × 8 | 8 × 8 | 64 ÷ 8 | 32 ÷ 8 |
| 56 ÷ 8 | 9 × 8 | 10 × 8 | 12 × 8 | 8 × 8 | 9 × 8 | 12 × 8 | 3 × 8 | 1 × 8 |
| 7 × 8 | 11 × 8 | 7 × 8 | 10 × 8 | 2 × 8 | 11 × 8 | 10 × 8 | 72 ÷ 8 | 5 × 8 |
| 9 × 8 | 10 × 8 | 12 × 8 | 80 ÷ 8 | 4 × 8 | 72 ÷ 8 | 11 × 8 | 9 × 8 | 88 ÷ 8 |
| 5 × 8 | 7 × 8 | 10 × 8 | 4 × 8 | 3 × 8 | 5 × 8 | 7 × 8 | 12 × 8 | 8 × 8 |
| 72 ÷ 8 | 4 × 8 | 12 × 8 | 9 × 8 | 96 ÷ 8 | 9 × 8 | 11 × 8 | 7 × 8 | 11 × 8 |
| 8 ÷ 8 | 3 × 8 | 7 × 8 | 11 × 8 | 7 × 8 | 12 × 8 | 88 ÷ 8 | 11 × 8 | 16 ÷ 8 |
| 40 ÷ 8 | 1 × 8 | 10 × 8 | 12 × 8 | 96 ÷ 8 | 72 ÷ 8 | 4 × 8 | 1 × 8 | 48 ÷ 8 |
| 56 ÷ 8 | 48 ÷ 8 | 24 ÷ 8 | 8 × 8 | 9 × 8 | 3 × 8 | 56 ÷ 8 | 32 ÷ 8 | 64 ÷ 8 |

**Challenge:** Use the inverse operation to write a related fact for these division calculations. Explain how you calculated the inverse.

72 ÷ 8 = 9
**9 × 8 = 72 or 8 × 9 = 72**

48 ÷ 8 = 6
**6 × 8 = 48 or 8 × 6 = 48**

56 ÷ 8 = 7
**7 × 8 = 56 or 8 × 7 = 56**

# Football-Themed 3, 4 and 8 Times Tables Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

**skin colour of your choice** = 1-4

**hair colour of your choice** = 5-6

**yellow** = 7-18

**green** = 19-39

**blue** = 40-65

**black** = 66-80

**red** = 88-96

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 × 4 | 5 × 8 | 2 × 3 | 48 ÷ 8 | 20 ÷ 4 | 12 × 4 | 7 × 8 | 6 × 8 | 10 × 4 |
| 6 × 8 | 12 × 4 | 9 × 8 | 1 × 3 | 10 × 8 | 6 × 8 | 11 × 4 | 11 × 8 | 7 × 8 |
| 11 × 4 | 7 × 8 | 12 ÷ 4 | 11 × 8 | 8 ÷ 8 | 10 × 4 | 7 × 8 | 12 × 8 | 12 × 4 |
| 5 × 8 | 10 × 4 | 12 × 4 | 16 ÷ 8 | 11 × 4 | 7 × 8 | 5 × 8 | 3 ÷ 3 | 10 × 4 |
| 11 × 4 | 27 ÷ 3 | 80 ÷ 8 | 4 × 3 | 36 ÷ 3 | 80 ÷ 8 | 7 × 8 | 36 ÷ 4 | 6 × 8 |
| 44 ÷ 4 | 11 × 4 | 32 ÷ 4 | 3 × 4 | 72 ÷ 8 | 12 × 4 | 2 × 8 | 10 × 4 | 5 × 8 |
| 1 × 4 | 3 × 8 | 10 × 8 | 9 × 8 | 10 × 8 | 4 × 8 | 8 × 3 | 8 × 4 | 3 × 8 |
| 5 × 4 | 10 × 3 | 9 × 8 | 7 × 4 | 9 × 8 | 7 × 3 | 11 × 3 | 9 × 3 | 12 × 3 |
| 7 × 3 | 9 × 4 | 4 ÷ 4 | 9 × 3 | 12 ÷ 3 | 12 × 3 | 8 × 4 | 11 × 3 | 6 × 4 |
| 4 × 8 | 9 × 8 | 10 × 8 | 12 × 3 | 10 × 8 | 10 × 8 | 4 × 8 | 8 × 3 | 4 × 8 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

5 × 8 > 11 × 3

16 ÷ 8 = 15 ÷ 3

# Football-Themed 3, 4 and 8 Times Tables Mosaic **Answers**

**skin colour of your choice** = 1-4

**hair colour of your choice** = 5-6

**yellow** = 7-18

**green** = 19-39

**blue** = 40-65

**black** = 66-80

**red** = 88-96

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 10 × 4 | 5 × 8 | 2 × 3 | 48 ÷ 8 | 20 ÷ 4 | 12 × 4 | 7 × 8 | 6 × 8 | 10 × 4 |
| 6 × 8 | 12 × 4 | 9 × 8 | 1 × 3 | 10 × 8 | 6 × 8 | 11 × 4 | 11 × 8 | 7 × 8 |
| 11 × 4 | 7 × 8 | 12 ÷ 4 | 11 × 8 | 8 ÷ 8 | 10 × 4 | 7 × 8 | 12 × 8 | 12 × 4 |
| 5 × 8 | 10 × 4 | 12 × 4 | 16 ÷ 8 | 11 × 4 | 7 × 8 | 5 × 8 | 3 ÷ 3 | 10 × 4 |
| 11 × 4 | 27 ÷ 3 | 80 ÷ 8 | 4 × 3 | 36 ÷ 3 | 80 ÷ 8 | 7 × 8 | 36 ÷ 4 | 6 × 8 |
| 44 ÷ 4 | 11 × 4 | 32 ÷ 4 | 3 × 4 | 72 ÷ 8 | 12 × 4 | 2 × 8 | 10 × 4 | 5 × 8 |
| 1 × 4 | 3 × 8 | 10 × 8 | 9 × 8 | 10 × 8 | 4 × 8 | 8 × 3 | 8 × 4 | 3 × 8 |
| 5 × 4 | 10 × 3 | 9 × 8 | 7 × 4 | 9 × 8 | 7 × 3 | 11 × 3 | 9 × 3 | 12 × 3 |
| 7 × 3 | 9 × 4 | 4 ÷ 4 | 9 × 3 | 12 ÷ 3 | 12 × 3 | 8 × 4 | 11 × 3 | 6 × 4 |
| 4 × 8 | 9 × 8 | 10 × 8 | 12 × 3 | 10 × 8 | 10 × 8 | 4 × 8 | 8 × 3 | 4 × 8 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

5 × 8 > 11 × 3

**This is true because 40 is greater than 33.**

16 ÷ 8 = 15 ÷ 3

**This is false because 2 is less than 5.**

# Football-Themed Mixed Times Table Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

| **skin colour of your choice** = 1-6 | **blue** = 7-30 | **red** = 31-60 | **black** = 61-90 | **green** = 91-109 | **white** = 110-144 |
|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 × 5 | 81 ÷ 9 | 4 × 7 | 110 ÷ 11 | 99 ÷ 9 | 16 ÷ 8 | 12 ÷ 3 | 25 ÷ 5 | 63 ÷ 9 |
| 5 × 4 | 3 × 10 | 108 ÷ 9 | 36 ÷ 3 | 8 × 3 | 32 ÷ 8 | 15 ÷ 3 | 32 ÷ 8 | 3 × 7 |
| 56 ÷ 7 | 2 × 8 | 36 ÷ 3 | 96 ÷ 8 | 84 ÷ 7 | 8 ÷ 4 | 28 ÷ 7 | 36 ÷ 6 | 56 ÷ 8 |
| 6 × 5 | 72 ÷ 9 | 96 ÷ 8 | 8 × 2 | 4 × 4 | 55 ÷ 11 | 35 ÷ 7 | 11 ÷ 11 | 3 × 3 |
| 49 ÷ 7 | 7 × 4 | 4 × 5 | 12 × 3 | 11 × 10 | 7 × 6 | 12 × 12 | 11 × 5 | 4 × 9 |
| 10 × 2 | 7 × 7 | 12 × 4 | 12 × 5 | 12 × 12 | 4 × 9 | 11 × 12 | 7 × 8 | 7 × 6 |
| 7 × 7 | 9 × 4 | 5 × 9 | 11 × 5 | 12 × 10 | 7 × 7 | 12 × 4 | 11 × 11 | 12 × 5 |
| 4 × 9 | 8 × 7 | 4 × 9 | 7 × 8 | 6 × 7 | 11 × 11 | 7 × 7 | 11 × 10 | 7 × 6 |
| 12 × 7 | 8 × 8 | 6 × 12 | 10 × 7 | 7 × 9 | 8 × 11 | 8 × 9 | 12 × 6 | 9 × 9 |
| 9 × 7 | 9 × 12 | 7 × 11 | 10 × 10 | 9 × 8 | 9 × 11 | 6 × 11 | 8 × 12 | 7 × 12 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

56 ÷ 8 = 36 ÷ 4

3 × 8 = 12 × 2

# Football-Themed Mixed Times Table Mosaic **Answers**

| **skin colour of your choice** = 1-6 | **blue** = 7-30 | **red** = 31-60 | **black** = 61-90 | **green** = 91-109 | **white** = 110-144 |
|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5 × 5 | 81 ÷ 9 | 4 × 7 | 110 ÷ 11 | 99 ÷ 9 | 16 ÷ 8 | 12 ÷ 3 | 25 ÷ 5 | 63 ÷ 9 |
| 5 × 4 | 3 × 10 | 108 ÷ 9 | 36 ÷ 3 | 8 × 3 | 32 ÷ 8 | 15 ÷ 3 | 32 ÷ 8 | 3 × 7 |
| 56 ÷ 7 | 2 × 8 | 36 ÷ 3 | 96 ÷ 8 | 84 ÷ 7 | 8 ÷ 4 | 28 ÷ 7 | 36 ÷ 6 | 56 ÷ 8 |
| 6 × 5 | 72 ÷ 9 | 96 ÷ 8 | 8 × 2 | 4 × 4 | 55 ÷ 11 | 35 ÷ 7 | 11 ÷ 11 | 3 × 3 |
| 49 ÷ 7 | 7 × 4 | 4 × 5 | 12 × 3 | 11 × 10 | 7 × 6 | 12 × 12 | 11 × 5 | 4 × 9 |
| 10 × 2 | 7 × 7 | 12 × 4 | 12 × 5 | 12 × 12 | 4 × 9 | 11 × 12 | 7 × 8 | 7 × 6 |
| 7 × 7 | 9 × 4 | 5 × 9 | 11 × 5 | 12 × 10 | 7 × 7 | 12 × 4 | 11 × 11 | 12 × 5 |
| 4 × 9 | 8 × 7 | 4 × 9 | 7 × 8 | 6 × 7 | 11 × 11 | 7 × 7 | 11 × 10 | 7 × 6 |
| 12 × 7 | 8 × 8 | 6 × 12 | 10 × 7 | 7 × 9 | 8 × 11 | 8 × 9 | 12 × 6 | 9 × 9 |
| 9 × 7 | 9 × 12 | 7 × 11 | 10 × 10 | 9 × 8 | 9 × 11 | 6 × 11 | 8 × 12 | 7 × 12 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

56 ÷ 8 = 36 ÷ 4

**This is false because 7 is less than 9.**

3 × 8 = 12 × 2

**This is true because both calculations equal 24.**

# Football-Themed Mixed Times Table Mosaic

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

| **red** = 1-5 | **blue** = 6-10 | **yellow** = 11-25 | **black** = 26-30 | **hair colour of your choice** = 31-60 | **skin colour of your choice** = 61-144 |
|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 × 3 | 20 ÷ 4 | 5 × 4 | 24 ÷ 8 | 36 ÷ 3 | 8 ÷ 4 | 36 ÷ 3 | 40 ÷ 8 | 72 ÷ 8 |
| 8 × 8 | 40 ÷ 8 | 2 × 8 | 35 ÷ 7 | 96 ÷ 8 | 15 ÷ 3 | 96 ÷ 8 | 1 × 3 | 9 × 8 |
| 12 × 12 | 32 ÷ 4 | 3 × 3 | 40 ÷ 4 | 21 ÷ 3 | 32 ÷ 4 | 28 ÷ 4 | 36 ÷ 4 | 11 × 8 |
| 16 ÷ 8 | 56 ÷ 8 | 72 ÷ 8 | 7 × 7 | 12 × 4 | 12 × 5 | 35 ÷ 5 | 48 ÷ 8 | 8 ÷ 4 |
| 16 ÷ 4 | 2 × 3 | 28 ÷ 4 | 7 × 4 | 12 × 11 | 3 × 10 | 24 ÷ 3 | 27 ÷ 3 | 16 ÷ 4 |
| 30 ÷ 3 | 32 ÷ 8 | 28 ÷ 4 | 9 × 9 | 9 × 12 | 6 × 12 | 72 ÷ 8 | 8 ÷ 4 | 21 ÷ 3 |
| 36 ÷ 4 | 1 × 4 | 30 ÷ 3 | 10 × 9 | 3 × 10 | 8 × 9 | 56 ÷ 8 | 1 × 4 | 64 ÷ 8 |
| 72 ÷ 8 | 30 ÷ 3 | 24 ÷ 8 | 28 ÷ 4 | 11 × 7 | 56 ÷ 8 | 30 ÷ 6 | 24 ÷ 3 | 80 ÷ 8 |
| 80 ÷ 8 | 36 ÷ 4 | 32 ÷ 8 | 16 ÷ 8 | 12 ÷ 3 | 16 ÷ 8 | 20 ÷ 4 | 64 ÷ 8 | 32 ÷ 4 |
| 72 ÷ 8 | 30 ÷ 3 | 56 ÷ 8 | 32 ÷ 8 | 15 ÷ 3 | 32 ÷ 8 | 40 ÷ 4 | 21 ÷ 3 | 32 ÷ 4 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

5 × 8 < 12 × 3

72 ÷ 8 > 56 ÷ 7

# Football-Themed Mixed Times Table Mosaic **Answers**

| **red** = 1-5 | **blue** = 6-10 | **yellow** = 11-25 | **black** = 26-30 | **hair colour of your choice** = 31-60 | **skin colour of your choice** = 61-144 |
|---|---|---|---|---|---|

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 × 3 | 20 ÷ 4 | 5 × 4 | 24 ÷ 8 | 36 ÷ 3 | 8 ÷ 4 | 36 ÷ 3 | 40 ÷ 8 | 72 ÷ 8 |
| 8 × 8 | 40 ÷ 8 | 2 × 8 | 35 ÷ 7 | 96 ÷ 8 | 15 ÷ 3 | 96 ÷ 8 | 1 × 3 | 9 × 8 |
| 12 × 12 | 32 ÷ 4 | 3 × 3 | 40 ÷ 4 | 21 ÷ 3 | 32 ÷ 4 | 28 ÷ 4 | 36 ÷ 4 | 11 × 8 |
| 16 ÷ 8 | 56 ÷ 8 | 72 ÷ 8 | 7 × 7 | 12 × 4 | 12 × 5 | 35 ÷ 5 | 48 ÷ 8 | 8 ÷ 4 |
| 16 ÷ 4 | 2 × 3 | 28 ÷ 4 | 7 × 4 | 12 × 11 | 3 × 10 | 24 ÷ 3 | 27 ÷ 3 | 16 ÷ 4 |
| 30 ÷ 3 | 32 ÷ 8 | 28 ÷ 4 | 9 × 9 | 9 × 12 | 6 × 12 | 72 ÷ 8 | 8 ÷ 4 | 21 ÷ 3 |
| 36 ÷ 4 | 1 × 4 | 30 ÷ 3 | 10 × 9 | 3 × 10 | 8 × 9 | 56 ÷ 8 | 1 × 4 | 64 ÷ 8 |
| 72 ÷ 8 | 30 ÷ 3 | 24 ÷ 8 | 28 ÷ 4 | 11 × 7 | 56 ÷ 8 | 30 ÷ 6 | 24 ÷ 3 | 80 ÷ 8 |
| 80 ÷ 8 | 36 ÷ 4 | 32 ÷ 8 | 16 ÷ 8 | 12 ÷ 3 | 16 ÷ 8 | 20 ÷ 4 | 64 ÷ 8 | 32 ÷ 4 |
| 72 ÷ 8 | 30 ÷ 3 | 56 ÷ 8 | 32 ÷ 8 | 15 ÷ 3 | 32 ÷ 8 | 40 ÷ 4 | 21 ÷ 3 | 32 ÷ 4 |

**Challenge:** Are these calculations true or false? Explain your reasoning.

5 × 8 < 12 × 3

**This is false because 40 is greater than 36.**

72 ÷ 8 > 56 ÷ 7

**This is true because 9 is greater than 8.**