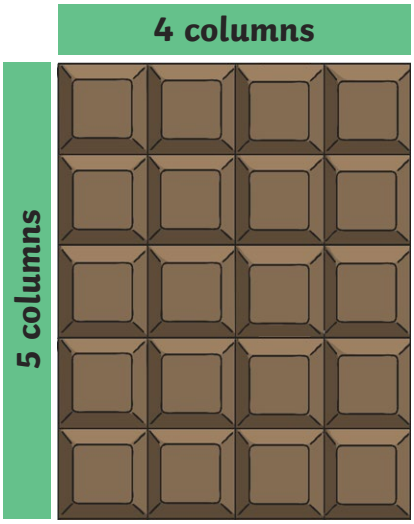
Chocolate Champion

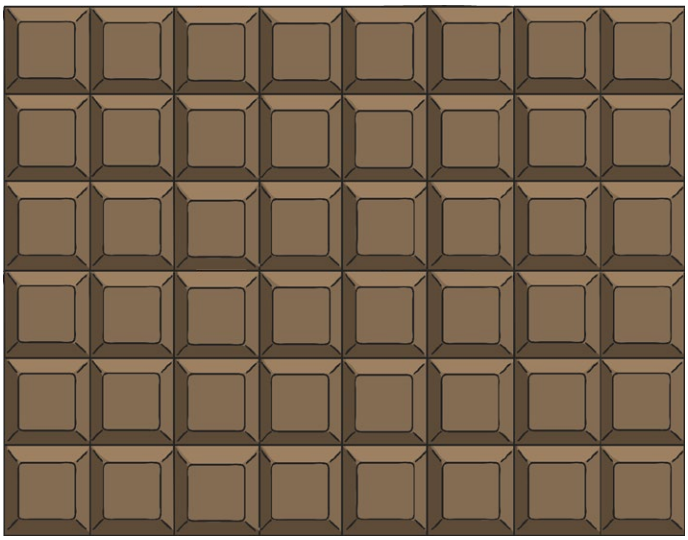
I can use partitioning to multiply a two-digit number by a one-digit number.

Calculate the number of pieces in these chocolate bars using your times table knowledge.

e.g. 4 × 5 = 20, so there are 20 pieces.



1. 8 × 6 = _____



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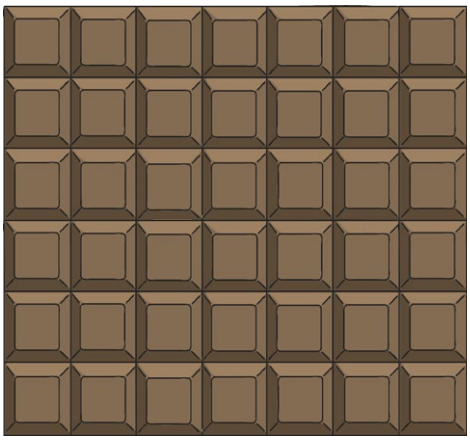
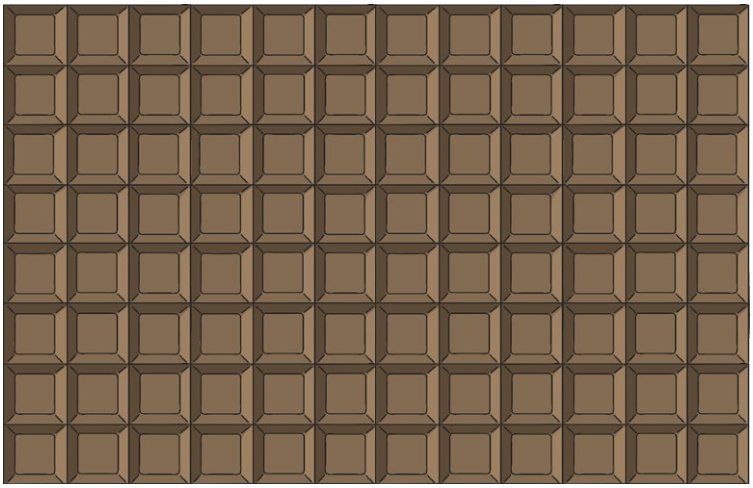
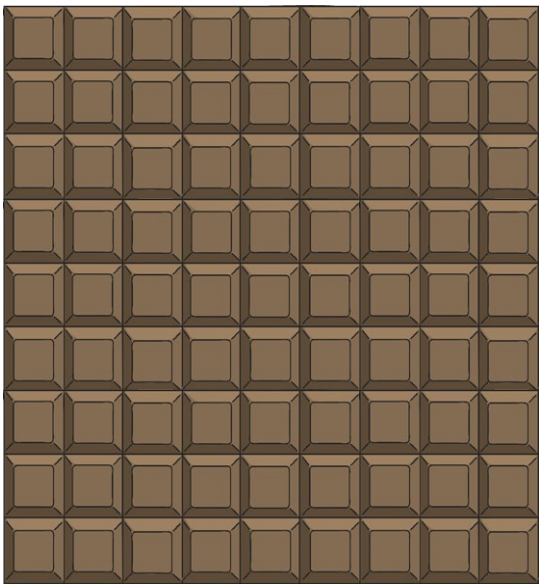
2. 6 × 7 = _____



3. 12 × 8 = _____

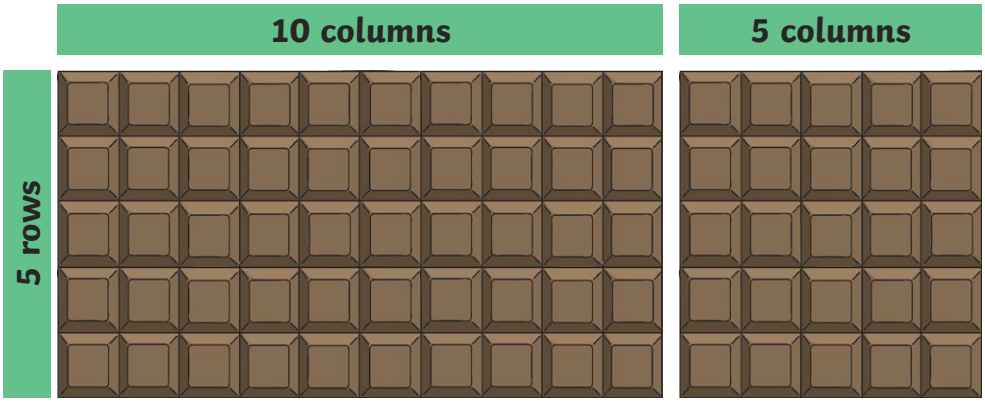


4. 9 × 9 = _____



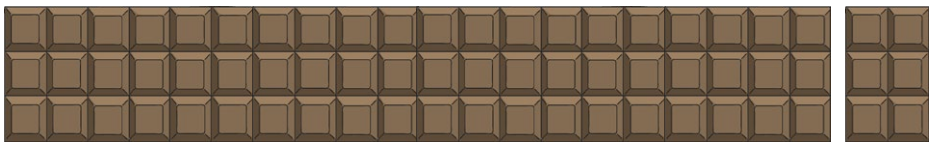
Chocolate Champion

Now split the chocolate into tens and ones to find the total number of pieces. Remember to use bracket to show how you calculated the answer.

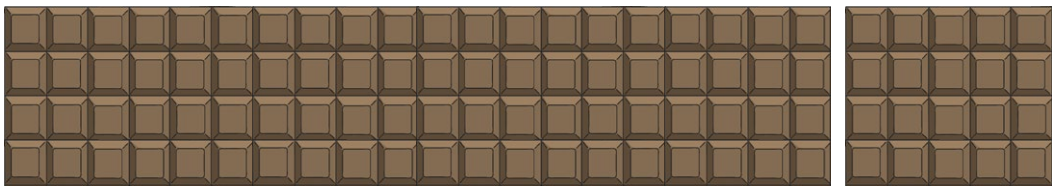


e.g. 15 × 5 = (10 × 5) + (5 × 5) = 50 + 25 = 75 pieces.

1. 22 × 3 = ( )+( ) = _____ + _____ = _____ pieces.

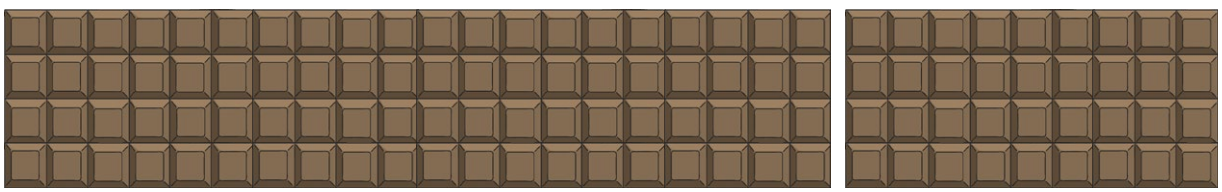


2. 25 × 4 = ( )+( ) = _____ + _____ = _____ pieces.



3. 27 × 2 = ( )+( ) = _____ + _____ = _____ pieces.

4. _____ × _____ = ( )+( ) = _____ + _____ = _____ pieces.



Chocolate Champion **Answers**

Calculate the number of pieces in these chocolate bars using your times table knowledge.

1. 8 × 6 = 48
2. 6 × 7 = 42
3. 12 × 8 = 96
4. 9 × 9 = 81

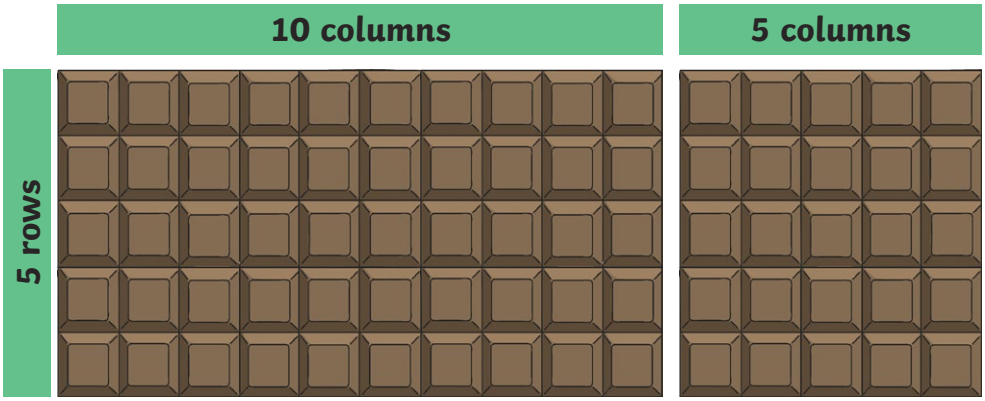
Now split the chocolate into tens and ones to find the total number of pieces. Remember to use bracket to show how you calculated the answer.

1. 22 × 3 = (20 × 3) + (2 × 3) = 60 + 6 = 66pieces
2. 25 × 4 = (20 × 4) + (5 × 4) = 80 + 20 = 100 pieces
3. 27 × 2 = (20 × 2) + (7 × 2) = 40 + 14 = 54 pieces
4. 29 × 4 = (20 × 4) + (9 × 4) = 80 + 36 = 116 pieces

Chocolate Champion

I can use partitioning to multiply a two-digit number by a one-digit number.

Split the chocolate into tens and ones to find the total number of pieces. Remember to use brackets to show how you calculated the answer. Try to find the answers without drawing the chocolate bars.



e.g. 15 × 5 = (10 × 5) + (5 × 5) = 50 + 25 = 75 pieces.

1. 26 × 8 = (20 × 8) + (6 × 8) = _____ + _____ = _____ pieces.
2. 32 × 4 = (30 × 4) + (2 × 4) = _____ + _____ = _____ pieces.
3. 54 × 8 = (_____ × 8) + (_____× 8) = _____ + _____ = _____ pieces.
4. 74 × 7 = (_____ × _____) + (_____×_____) = _____ + _____ = _____ pieces.
5. 62 × 6 =
6. 38 × 9 =
7. 41 × 6 =
8. 92 × 3 =
9. 77 × 7 =
10. 86 × 9 =

Chocolate Champion **Answers**

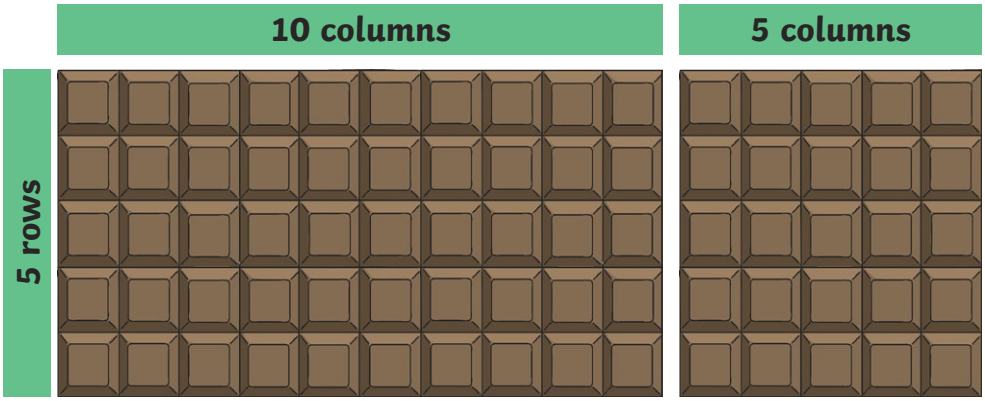
Split the chocolate into tens and ones to find the total number of pieces. Remember to use brackets to show how you calculated the answer. Try to find the answers without drawing the chocolate bars.

1. 26 × 8 = (20 × 8) + (6 × 8) = **160** + **48** = **208** pieces.
2. 32 × 4 = (30 × 4) + (2 × 4) = **120** + **8** = **128** pieces.
3. 54 × 8 = (**50** × 8) + (**4** × 8) = **400** + **32** = **432** pieces.
4. 74 × 7 = (**70** × **7**) + (**4** × **7**) = **490** + **28** = **518** pieces.
5. 62 × 6 = **372**
6. 38 × 9 = **342**
7. 41 × 6 = **246**
8. 92 × 3 = **276**
9. 77 × 7 = **539**
10. 86 × 9 = **774**

Chocolate Champion

I can use partitioning to multiply a two-digit number by a one-digit number.

Split the chocolate into tens and ones to find the total number of pieces. Remember to use brackets to show how you calculated the answer. Try to find the answers without drawing the chocolate bars.



e.g. 15 × 5 = (10 × 5) + (5 × 5) = 50 + 25 = 75 pieces.

1. 46 × 8 = (40 × 8) + (6 × 8) = _____ + _____ = _____ pieces.
2. 92 × 4 = (90 × 4) + (2 × 4) = _____ + _____ = _____ pieces.
3. 74 × 8 = (_____ × 8) + (_____× 8) = _____ + _____ = _____ pieces.
4. 78 × 7 = (_____ × _____) + (_____×_____) = _____ + _____ = _____ pieces.
5. 84 × 9 =

Can you work out the missing numbers in these calculations?

1. 35 × ☐ = (30 × ☐) + (5 × ☐) = 180 + ☐ = 210 ☐ is _____
2. 3☐ × 7 = (30 × 7) + (☐ × 7) = 210 + 42 = _____ ☐ is _____
3. ☐5 × 8 = (☐× 8) + (5 × ☐) = 720 + 40 = ____ ☐ is _____
4. 85 × ☐ = (80 × ☐) + (5 × 3) = 240 + 15 = _____ ☐ is _____
5. 75 × ☐ = (70 × ☐) + (5 × ☐) = 490 + ☐ = 525 ☐ is _____

Chocolate Champion **Answers**

Split the chocolate into tens and ones to find the total number of pieces. Remember to use brackets to show how you calculated the answer. Try to find the answers without drawing the chocolate bars.

1. 46 × 8 = (40 × 8) + (6 × 8) = **320** + **48** = **368** pieces.
2. 92 × 4 = (90 × 4) + (2 × 4) = **360** + **8** = **368** pieces.
3. 74 × 8 = (**70** × 8) + (**4** × 8) = **560** + **32** = **592** pieces.
4. 78 × 7 = (**70** × **7**) + (**8** × **7**) = **490** + **56** = **546** pieces.
5. 84 × 9 = **756**

Can you work out the missing numbers in these calculations?

1. 35 × ☐ = (30 × ☐) + (5 × ☐) = 180 + ☐ = 210 — ☐ is **6**
2. 3☐ × 7 = (30 × 7) + (☐ × 7) = 210 + 42 = **252** — ☐ is **6**
3. ☐5 × 8 = (☐ × 8) + (5 × ☐) = 720 + 40 = **760** — ☐ is **9**
4. 85 × ☐ = (80 × ☐) + (5 × 3) = 240 + 15 = **255** — ☐ is **3**
5. 75 × ☐ = (70 × ☐) + (5 × ☐) = 490 + ☐ = 525 — ☐ is **7**