

Play online at http://www.mathgames.com/skill/7.74

TeachMe, Inc. ©2025 All rights reserved.

| Permutations | Name: |
|--|---|
| Ethan is raising chickens in a backyard coop. If he is expecting 3 new chicks to hatch, in how many different orders can they hatch from their eggs? | |
| orders | Show your work |
| William is at the horse races and is betting on which one will win. If there are 4 horses, how many different outcomes are possible? | |
| orders | Show your work |
| There are 3 different coloured marbles in a bag and Michael and their friends are taking turns picking one out of the bag. How many different orders are possible? | |
| orders | Show your work |
| Set more worksheets at http://www.mathg | ames.com/worksheets CC.7.74 Page 2 of 4 |

TeachMe, Inc. ©2025 All rights reserved.



Get more worksheets at http://www.mathgames.com/worksheets Play online at http://www.mathgames.com/skill/7.74

omes

TeachMe, Inc. ©2025 All rights reserved.

ets CC.7.74

Page 3 of 4

| ☑ Permutations | Name: |
|---|---|
| Ethan is raising chickens in a backyard coop. If he is expecting 3 new chicks to hatch, in how many different orders can they hatch from their eggs? | |
| orders | Show your work |
| ^{#11} Choose the best answer | |
| Austin is raising chickens in a backyard coop. If he is expecting 5 new chicks to hatch, in how many different orders can they hatch from their eggs? | |
| O 149 O 115 | |
| O 107 O 120 | Show your work |
| There are 2 different coloured marbles in a bag and Anna and their friends are taking turns picking one out of the bag. How many different orders are possible? | Show your work |
| Set more worksheets at http://www.mathg | ames.com/worksheets CC.7.74 Page 4 of 4 |

Get more worksheets at http://www.mathgames.com/worksheets Play online at http://www.mathgames.com/skill/7.74

TeachMe, Inc. ©2025 All rights reserved.

☑ | Permutations

| Question | Answer |
|----------|--------|
| #1 | 2 |
| #2 | 2 |
| #3 | 120 |
| #4 | 6 |
| #5 | 24 |
| #6 | 6 |
| #7 | 120 |
| #8 | 120 |
| #9 | 6 |
| #10 | 6 |
| #11 | 120 |
| #12 | 2 |

