

Compatible Number Dominoes

These dominoes are an independent activity for students looking to reinforce their compatible numbers to 100

Instructions for using the dominoes

Photocopy on to card, laminate and cut out.

Students can play in pairs or in small groups. They can either share the dominoes and play as a competitive game or else work cooperatively to complete the full chain.

Instructions for the game

Shuffle the cards and deal out five cards to each player. One domino is turned face up on the table. Players take turns to see if they can place a domino to match one already on the table. If they have a match they place this number next to the word problem. If they cannot then they pick up another domino.

The winner is the first to use all of their dominoes.

Instructions for cooperative activity

Cards are shuffled and one is placed face up in the middle of the table. The other cards are all turned face up and students look for the card that answers the word problem then place this answer next to the word problem.

The activity is self-checking, as the students should finish with the last word problem matching the initial number.

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| 37 | Alice eats 7 plums and Paula eats 13. How many plums do they eat altogether? | 20 | Simon is sharing his birthday chocolates with his parents. If there are 20 in the box and his mother has eaten 7 and his father 4 how many are left for Simon? |
| 9 | Michael collects spiders. He has 43 hairy spiders and 27 shiny ones. How many spiders does he have altogether? | 70 | Ema goes running every morning before school. If she has run 23 km in February, 27 km in March and 30 km in April how many km has she run altogether in 3 months? |
| 80 | Hiroimi is making gift boxes as Xmas presents. She wants to make 40 and she has already made 27. How many more will she need to make? | 13 | There were 17 albatross chicks that hatched this season. This is 4 more than last season. How many chicks hatched altogether over the two seasons? |
| 30 | Two neighbours were comparing the number of cabbages in their gardens. One had 35 and the other had 55. How many altogether? | 90 | The TV news last night had 32 minutes of news, 22 minutes of sport and the rest weather. If the News was 60 minutes long how many minutes long was the weather report? |
| 6 | Tai and Karl were out fishing. Tai caught 33 fish but Karl was not so lucky and he caught only 7. How many did they catch altogether? | 40 | Lee has prize rose bushes with 42 flowers on one and 18 on another. How many flowers are there altogether? |
| 60 | George is making cheese rolls as a fundraiser. If he needs to make 100 altogether and he has made 86 already how many more will he need to make? | 14 | Ben is washing windows and he notices that on one side of the house there are 22 and on the other side there are 28. How many are there altogether? |
| 50 | There are 30 days in September. How many days are there from September 18 to the end of the month? | 12 | Sally got \$34 last week for delivering circulars. She also got \$66 as a tax refund. How much did she get altogether? |

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| 100 | Jill has been out watching penguins. She saw 4 on Sunday morning and this was 2 fewer than she saw on Saturday. How many penguins has she seen in total? | 10 | Marla has 30 pairs of shoes. If 13 pairs are for summer how many pairs of winter shoes does she have? |
| 17 | There are 70 books on the shelf. If 23 are novels, 26 are textbooks and the rest are travel books how many travel books are there? | 21 | Lana has a jar of jellybeans. If there are 90 altogether and there are 28 black, 25 green, 26 red and the rest are yellow how many are yellow? |
| 11 | Tali is recording the most popular makes of car. If she counts 100 altogether and there are 53 Toyotas, 42 Fords and the rest Subaru, how many Subaru are there? | 5 | Tom and Rawiri are picking apples. If they pick 80 altogether and Tom has picked 43 how many has Rawiri picked? |