

Addition/Subtraction Story – 2011 Cohort

Kindergarten Story Problems - Jessica Lyons

Change: Join

Mumford Monkey had 3 bananas and momma monkey gave him 3. How many Bananas does he now have? (result unknown)

Mumford Monkey has 3 bananas but he would like to have 5. How many more does he need to get? (change unknown)

Mumford Monkey has some bananas his mom gave him 2. Now he has 5. How many did he have to start with? (start unknown)

Change: Separate

Mumford Monkey had 5 bananas and then he gave his mom 1? How many does he now have? (result unknown)

Mumford Monkey had 6 bananas and then he gave his mom some. He now has 3. How many did he give his mom? (change unknown)

Mumford Monkey had some bananas and then he gave his mom 2 of them. Now he has 4 left. How many did he have to start with? (start unknown)

Combine

Mumford Monkey has 4 chocolate cookies and 2 vanilla cookies. How many does he have in all? (whole unknown)

Mumford Monkey has 10 cookies. 5 are chocolate and the rest are vanilla. How many are vanilla? (one part unknown)

Equalize or Compare

Mumford Monkey has 6 big toy crocodiles and 3 small toy crocodiles. If all the big crocodiles took a small crocodiles as a friend, how many big crocodiles won't have a friend to play with?

Mumford Monkey has 6 big toy crocodiles and 3 small toy crocodiles. How many big crocodiles does he have?

Mumford Monkey has 6 big toy crocodiles and some small toy crocodiles. All the small crocodiles took a big crocodile as a friend, and there were 3 big crocodiles left without a friend. How many big crocodiles does he have?

Mumford Monkey has 6 big toy crocodiles and some small toy crocodiles. He has 3 more big crocodiles than small. How many small crocodiles does he have?

Mumford Monkey has 6 big toy crocodiles and some small toy crocodiles. All the big crocodiles tried to find a friend but there were 3 small crocodiles too few. How many small crocodiles does Mumford have?

Mumford Monkey has 6 big toy crocodiles and some small toy crocodiles. He has 3 fewer small crocodiles. How many small crocodiles does he have?

Bat Addition and Subtraction Problems - Beth Reed

The following questions are loosely based on the storybook "Five little bats flying in the night" (or at least I hope they were supposed to be!).

Change:

Join

Mother Bat has 2 children are at home sick. 3 more come home. How many does she have at home now? (result unknown)

Mother Bat has 5 children but only 2 are at home in bed. How many are still at school? (change unknown)

Mother Bat is at home with some of her children. 3 come home from school and now there are 5. How many were home sick from school? (start unknown)

Separate:

Mother Bat has 5 children. She sent 4 to school. How many are at home sick?
(result unknown)

Mother Bat has 5 children and some are at school today. 2 are at home sick. How many are at school? (change unknown)

Mother Bat has some children. She has 2 at home with her and sent 3 to school. How many does she have all together? (start unknown)

Combine

Mother Bat has 3 boys and 2 girls. How many children does she have all together?

Mother Bat has 5 children. 3 are boys and the rest are girls. How many daughters does she have?

Equalize

Mother Bat has 6 sons and 4 daughters. If each son takes one sister to school, how many sons won't have a partner. (result unknown)

Mother Bat has some daughters and 2 sons. All the sons take one sister to school but there is 1 daughter without a partner. How many daughters does Mother Bat have? (change unknown)

Mother Bat has some daughters and 4 sons. Each son is asked to take one of his sisters to school but there are 3 too few sisters. How many daughters does Mother Bat have? (start unknown)

Compare:

Mother Bat has 5 sons and 4 daughters. How many more sons does she have?
(result unknown)

Mother Bat has 6 sons and some daughters. She has 2 more sons than she has daughters. How many daughters does she have? (change unknown)

Mother Bat has 7 daughters and some sons. She has three fewer sons than daughters. How many sons does she have? (start unknown)

Monsters and Pumpkins – Laura Greenlaw and her grade 1 students.

One day 7 children went to buy pumpkins from a pumpkin patch. The children decided to buy 2 pumpkins each. How many pumpkins were bought all together?
(Addition: $2+2+2+2+2+2+2=14$)

Once there were 3 monsters. They each had 5 spooky eyeballs. How many eyes did the 3 monsters have all together? (Addition: $5+5+5=15$)

One dark windy night there were 10 ghosts. A witch flew by on her broom and turned 2 flying bats into ghosts. How many ghosts are there all together?
(Addition: $10+2=12$)

There were 9 bats sitting in a scary tree. 5 more bats came to join them. How many bats are now sitting on the scary tree? (Addition: $9+5=14$)

Once there were 4 spiders working hard spinning webs. Not long after, 7 more spider friends came over and joined them. How many spiders are there all together? (Addition: $4+7=11$)

One dark night there were 15 bats sitting on a roof. Along came a witch flying on her broom and turned 7 bats into fat hairy spiders. How many bats are left?
(Subtraction: $15-7=8$)

One spooky night in a haunted house lived 6 furry bats. 5 flew out the window to have a race to the full moon. How many bats are still inside the haunted house?
(Subtraction: $6-5=1$)

Once there were 15 spiders sleeping in a bed 3 woke up and sat outside their window to catch a late night snack. How many spiders are still sleeping?
(Subtraction: $15-3=12$)

Once there were 10 pumpkins sitting on a fence. Along came a gust of wind and blew 7 pumpkins off. How many pumpkins are left sitting on the fence?
(Subtraction: $10-7=3$)

Once there were 15 spooky ghosts playing hide and go seek. Then 6 ghosts became hungry and went for a snack in the haunted house. How many ghosts are left playing hide and go seek?

(Subtraction: $15-6=9$)

Late at night there were 5 little ghosts flying to a Halloween party. Suddenly there was trouble and 2 couldn't keep up so they flew back home. How many ghosts got to go to the Halloween party?

(Subtraction: $5-2=3$)

Early Primary



First Nations Theme by Linda Howey and Alison Burns

Change Questions – 6 join and 6 separate

John caught 5 salmon and his sister caught 2. How many salmon does John have now? John had 5 salmon but would like to catch 2 more. How many more does he need to get? John had some salmon and his sister gave him 2. Now John has 7 salmon. How many did he start with?

John had 5 salmon and he gave his sister 2. How many does he have now?

John has 7 salmon and then he gave his sister some. How many did he give his sister? John had some salmon and he gave his sister 2 of them. Now he has 5 left. How many did he have to start with?

Frog picked 4 cedar branches. Raven gave him 7 more. How many cedar branches does Frog have now?

Frog has 7 cedar branches but wants to have 11. How many more does he need to get?

Frog and Raven have some cedar branches. Frog got 4 more. Now they have 11. How many did they have to start with?

Frog has 11 cedar branches. He gave Raven 7. How many does Frog have now?

Frog had 11 cedar branches. He gave Raven some. Frog now has 7. How many did Frog give Raven?

Frog had some cedar branches. He gave Raven 4. Now Frog has 7 cedar branches. How many branches did he start with?

Combine Questions – 2 whole unknown and 2 one part unknown

John has 7 red drums and 3 black drums. How many drums does he have in all?

Wolf ate 3 pink and 4 chum. How many salmon did he eat in all?

Wolf has 7 salmon. 3 are pinks and the rest are chum. How many are chum?

John has 10 drums. 7 are red and the rest are black. How many drums are black?

Equalize

There are 18 adult eagles and 12 young eagles. If all the young eagles are taken by an adult to learn to hunt how many adult eagles will be left without a student?

There are 18 adult eagles and some young eagles. All the adult eagles took a young eagle as a student. There were 6 adult eagles left without a student. How many young eagles were there?

There are 18 adult eagles and some young eagles. All the adult eagles tried to take a student but there were 6 young eagles too few. How many young eagles are there?

There are 13 girl dancers and 6 boy dancers at the potlatch. If all the boy dancers take a girl dancer as a partner how many girl dancers won't get a partner?

There are 13 girl dancers and some boy dancers. All girl dancers tried to take a boy dancer as a partner. There were 7 girl dancers left without a partner. How many boy dancers were there?

There are 13 girl dancers and some boy dancers. All the girl dancers tried to take a partner but there were 7 boys too few. How many boy dancers are there?

Compare

There are 9 big deer and 6 fawns in the forest. How many more big deer are there in the forest?

There are 6 fawns and some big deer in the forest. There are 3 more big deer than fawns.

How many big deer are in the forest?

There are 9 big deer and some fawns in the forest. There are 3 fewer fawns. How many fawns are in the forest?

Russell has 7 killer whale masks and 3 eagle masks. How many more killer whale masks does he have?

Russell has 3 eagle masks and some killer whale masks. He has 4 more killer whale masks than eagle masks. How many killer whale masks does he have?

Russell has 7 killer whale masks and some eagle masks. He has 4 fewer eagle masks. How many eagle masks does he have?

grade 2 by Laura Street

Change

Join: Sammy had some hockey cards and then his sister gave him three more. Now he has 26. How many did he have to start with?

Separate: Joe has 14 candies and he gave his friend some. Now he has 7. How many did he give away?

Combine

Jake has 6 toy cars and 24 trucks. How many vehicles does he have in all?

Equalize

Jen invited 12 kids to her party. She has made 8 treat bags so far. How many kids does Jen still have to make a treat bag for?

Compare

Mike's mom bought 24 orange juice boxes for his lunches and some boxes of apple juice. If she bought 6 fewer boxes of apple juice, how many boxes of apple juice did she buy?

Equal Quantities

There are 3 basketball nets and four kids can shoot hoops at each one. How many kids can shoot hoops?

We have 12 candies and four people in the family. How many candies does each person get to eat?

Sean Pattison

Change

Join

Teresa had 3 cars and then her husband bought her 2. How many does she have now?

Teresa had 4 cows. She wants to have 10. How many more does she need to get?

Kylie had some pigs. Her dad gave her 6 more. Now she has 14. How many did she have to start?

Separate

Kaelan had 10 Turkeys. He sold 4. How many does he have now?

Kylie had 15 chickens. Some were eaten by Raccoons. Now she has 10. How many did the Raccoons eat?

Kaelan had some ducks, soon 3 flew away. Now he has 21. How many did he start with?

Combine

Tyler has 4 black skateboards and 3 pink skateboards. How many does he have in all?

Grant has 5 salmon rods and 4 halibut rods. How many fishing rods does he have in all?

Lori has 200 students. 134 are boys the rest are girls. How many are girls?

Ben has 59 plates. 32 are chipped the rest are fine. How many plates are fine?

Equalize

Geoff has 10 wooden beams and 6 metal beams. If he attaches a metal beam to each wood beam, how many wood beams are left?

Geoff has 10 wooden beam and some metal beams. All of the metal beams are attached to a wooden beam and there are 4 metal beams left. How many metal beams does Geoff have?

Geoff has 10 wooden beams and 8 metal beams. How many more wooden beams does he have?

Geoff has 10 wooden beams and some wooden beams. He has 5 more metal beams than wooden beams. How many metal beams does he have?

Denise Anderson and Patrisha Reader

8 students came to volleyball practice on time. 4 students arrived five minutes late to practice. How many students were at the practice all together?

8 students started the volleyball practice on time. 12 students were at the practice at the end of day. How many students arrived late to practice?

Some students were at volleyball practice on time. 8 students arrived to practice late. At the end of the practice there were 12 students. How many students started the practice on time?

Georgia brought in 22 plums to share with the class. The class ate 16 plums. How many plums were left?

Georgia brought in 22 plums to share with the class. At the end of the day there were only 8 plums left? How many plums did the students eat?

Georgia brought in some plums to share with the class. She handed out 8 plums to the students. She has 22 left in her container. How many plums did she start out with?

The teacher had a difficult day. In the morning there were 13 students caught passing notes. By the afternoon another 12 students were caught passing notes. How many notes were passed all together?

13 students disobeyed the class law by passing notes in class. By the end of the day the now frazzled and disappointed teacher had a total of 25 notes in her hand. How many other notes were passed?

The happy teacher collected 12 assignments; however there are 25 students in the class. How many assignments were not handed in?

Lance Lloyd

Bob has 20 apples and Bill brings 10 apples. How many apples do they have altogether?

Bob has some apples and along with Bill's 25 apples, they have 97 apples. How many apples does Bob have?

Bob has 34 apples and along with Bill's apples, they have 245 apples. How many apples does Bill have?

Sally has 26 apples and Tran brings 19 apples. How many apples do they have altogether?

Sally has some apples and along with Bill's 65 apples, they have 97 apples. How many apples does Sally have?

Sally has 42 apples and along with Sarah's apples, they have 245 apples. How many apples does Bill have?

Upper Primary

Number Operations – Addition and Subtraction Problems Dede Willans

Change Problems

Join

Clara collected 156 chestnuts on Monday and 35 on Tuesday. How many does she have now? (result unknown)

Mandeep has 646 chestnuts and is hoping to get 700. How many more does he need to find? (change unknown)

Gilbert had some chestnuts and his friend Peter gave him 36. Now Gilbert has 72. How many chestnuts did he have to start with?

Separate

XiXi had 239 hazelnuts but decided to give Hannah 56. How many does she have now? (result unknown)

Gordon collected 82 hazelnuts from the tree and then lost some on the way home. Now she has 57. How many hazelnuts did she lose? (change unknown)

Xang-nu had some hazelnuts and he gave his brother 25 of them. Now he has 147. How many did he have to start with? (start unknown)

Combine Problems

Griffin has 118 hockey cards at home and 68 in the back of his desk at school. How many does he have in all?

Rangeet has 95 hockey cards. 46 are from the 2010/2011 season and the rest are vintage cards. How many vintage cards does he have?

Equalize or Compare

There are 12 kids wearing blue pinnies on one team and 17 kids wearing green pinnies. How many more kids are needed to wear blue pinnies so that both teams are even?

26 players wearing blue pinnies and some others wearing green pinnies lined up facing each other. 7 players wearing green pinnies did not have a blue pinnie player to line up against. How many players were wearing green pinnies.

There were two teams. A blue team with 18 players and a green team. The 18 players from the blue team matched up against the players on the green. 5 players from the blue team didn't have someone with whom to match up. How many players are on the green team?

There were 54 players in blue pinnies and 45 in green pinnies. How many more players were in blue pinnies than were in green pinnies?

There were 19 players on the blue team. The green team had 12 more players than the blue team. How many players were on the green team?

Grade 3 or 4 French Immersion Nicole Pilote

Join

Nicole a 26 livres de science, le professeur de 3ème année lui donne 24 autres livres de science. Combien de livres a-t-elle en tout? (Result Unknown)

Louise a 35 bracelets d'amitié qu'elle a reçus de ses amis mais voudrait en avoir 150. Elle en a besoin de combien d'autres? (Change Unknown)

Lady avait des biscuits de chiens que sa propriétaire lui a acheté et elle reçoit 60 autres biscuits d'une amie de la famille. Lady a 200 biscuits en total, combien avait-elle reçu de sa propriétaire? (Start Unknown)

Separate

Cole avait 125 cartes de Pokémon et il en donna 50 à son ami Jack. Combien de cartes lui reste-t'il? (result unknown)

Chantale avait 98 boîtes de craies et elle en donna quelques-unes à sa soeur. Elle en a 75 maintenant. Combien de boîtes a-t-elle donné à sa soeur? (change unknown)

Dragons theme – (ideas/questions Kathleen Dawe's students did with her)

Change

Result Unknown:

Join-

The purple fire breathing dragon had 7823 people burgers. His mom gave him 133 more for his birthday. How many can he eat now? (result unknown)

A black dragon had 7352 fire breathing tacos but would like to have 9000. How many more does he need to get? (change unknown)

Bob the lava monster had some dragons in his volcano and then 2367 more dragons came in trying to save them. Now Bob has 8036 dragons in his volcano. How many did he have to start with? (change unknown)

Separate-

Greg the purple dragon had 7324 lightening strawberry ice creams at his birthday. He ate 3216 of them. How many does he have left? (result unknown)

Lily dragon had 4332 flaming cupcakes at her birthday party. Her dragon friends ate some of them . She now has 1643. How many did her friends eat? (change unknown)

Lily dragon had some cupcakes. Greg, the purple dragon ate 456 of them. Lilly now has 374. How many did she have in the first place? (start unknown)

Combine

The dragon kingdom has 2374 purple dragons and 4839 black dragons. How many dragons live in the kingdom in all? (whole unknown)

The dragon kingdom has 2894 dragon dens. 983 are near the ocean and the rest are in the mountains. How many are in the mountains? (one part unknown)

Equalize or Compare

Equalize

The dragon kingdom had 4782 purple dragons and 5764 red dragons. If all the purple dragons took a red dragon as a partner at the fire parade, how many would not have a partner?

Dragon kingdom had 2350 green dragons and some blue dragons. All the green dragons took all of the blue dragons as a partner and there were 27 green dragons left over. How many blue dragons were there?

Dragon Kingdom has 7843 striped dragons and some spotted dragons. All of the striped dragons tried to take all the spotted dragons as their partners but there were 231 too few. How many spotted dragons were there?

(Compare)

Dragon Den had 5732 zombie dragons and 32 lollipop dragons. How many more zombie dragons are there than lollipop dragons?

Dragon Den had 9642 zombie dragons and some lollipop dragons. The den has 1726 more lollipop dragons than zombie dragons. How many lollipop dragons are there?

Dragon Den has 1010 zombie dragons and some lollipop dragons. It has 900 fewer lollipop dragons. How many lollipop dragons does the den have?

Grade 5 French Immersion – Kari Mathew

Change

Join

Aimee a 3.55 pointes de pizza. Aline lui donne 2.34 autres. Combien a-t'elle en tout?

Josh a 432 546 points dans son jeu de vidéo, mais il a besoin de 1 000 000 pour atteindre la prochaine étape. Combien d'autres points a-t'il besoin?

Katrina a couru une grande distance, son frère a couru 23 km avec elle. Elle a couru une totale de 48 km. Combien a t'elle couru seule?

Separate

Il fait froid ce matin. 1.12 degrés. Mais la soleil tombe et la température descend 7.23 degrés. Quelle est la température maintenant?

Il fait chaud en Hawaii, 30.45 degrés. Il y a une tempête qui arrive et la température baisse. La température est maintenant 6.78. Combien de degrés est-ce que la température a baisse?

Jade avait des billes. Elle a donne 54 032 billes a sa sœur pour faire une bracelet. Elle a maintenant 124 987 billes. Combien avait-elle en tout?

Combine

Douglas a \$3.34 dans son poche et \$1.26 à la maison. Combien d'argent a t'il?

Hanna a \$52.62 dans sa porte feuille. Il a aussi de l'argent dans sa caisse à la banque. Il a \$71.84 en total. Combien d'argent a t'il dans son caisse?

Equalize or Compare

Equalize

Emily a 5.33 crayons. Darren a 7.89. Combien de crayons doit Darren utiliser pour qu'il aie le même montant que Cassie?

Dans la boîte de pizza pepperoni il y a 3.5 pointes de pizza qui restent. Dans la boîte Hawaïenne il y a 4.25 de plus. Il y a combien de pointes de pizza Hawaïenne?

Dans la boîte de billes rouge il y a 243 085 billes. Dans la boîte de billes vert il y a 56 093 de moins. Combien de billes vert y a-t'il?

Compare

Aden a eu 2.5 sur son quiz de math et 8.75 sur son quiz de science. Combien de points a t'il eu de plus en science?

Maiah a 135 432 points dans le jeu de vidéo Super Mario et des points aussi dans le jeu de Mario Kart. Elle a 73 189 de plus dans le jeux de Mario Kart. Combien de points a t'elle dans le jeux de Mario Kart?

Jaden a 23 049 chansons sur son IPod et aussi des vidéos. Il a 21 543 vidéo de moins que chansons. Combien de vidéos a-t'il?

Math Drop In by Sue Rasmussen

Princess Alanis is on a mission to get lots of treasure. The king gave her 2354 precious gems, and the queen gave her 3786 semi-precious gems. How many gems does she now have?

Princess Alanis 2490 beautiful tiaras for the ball. She's a real collector, and wants to have in her collection 5555. How many more does she need to collect?

The ever popular princess received a lot of invitations to the ball on Tuesday. Her secretary brought in the mail with 5892 invitations on Wednesday. Now she has an amazing 8989 invitations. How many invitations did she get on Tuesday?

Prince Cutiepie had 356 dragons in the cave. He gave 342 to the stable boy to give to a prince in another kingdom. How many dragons does he have now?

Prince Cutiepie had 9756 dragon saddles with golden braids. He gave his favorite brother some, and he still has 8237. How many did Prince Cutiepie give to his favorite brother?

Prince Cutiepie had some rusty swords in the sword shed. He gave 543 to the metal smith to be recycled. Now he has 1896 swords in the shed. How many did he have to start with?

Princess Alanis 994 pink lacy gowns, and 1467 regular gowns. How many gowns does she have in all?

Prince Cutiepie has 6554 dragon riding boots. 4755 are silver and the rest are gold. How many dragon riding boots are gold?

Princess Alanis has 342 special tiaras, and 3345 special ball gowns. The princess must wear a tiara and a gown to a ball. If each tiara and ball gown can only be worn once, how many gowns will be left over.

There are 3843 princesses and some princes at the ball. All the princesses asked a prince to dance and there were 343 princes without a dance partner. How many princes were at the ball?

Princess Alanis has 1214 vacation castles and some regular castles. She wants to match up the vacation castles with a regular castle to have the same decor, but there were 787 regular castles too few. How many regular castles did Princess Alanis have?

Prince Cutiepie has captured 3869 green dragon lairs, and 5498 purple dragon lairs. How many more purple dragon lairs has Prince Cutiepie captured?

Prince Cutiepie has 3897 silver crowns and some gold crowns. He has 1490 more gold crowns than silver crowns. How many more gold crowns does he have?

Prince Cutiepie has 3857 super fast steeds and some slower steeds. He has 157 fewer slow steeds. How many slow steeds does Prince Cutiepie have?

Intermediate (Laura Veary)

Change (Join)

Bobby wants the Play Station 3 – Transformers: Dark of the Moon game for Christmas. His mother is going to buy it at Toys-R-Us. The cost of the game is \$50.45 and the taxes are \$6.05. How much will the game cost all together?

Bobby's mom has \$34.25 but needs to have \$56.50 in order to afford Bobby's Christmas gift. How much more money does she need to get to pay for the Play Station game?

Bobby's dad has some money that he can give to help buy the Play Station game and with the \$30.25 from Bobby's mom they have the \$56.40 necessary to buy the game. How much money did Bobby's dad have?

Change (Separate)

Bobby has \$15.86 and gives his sister \$5.43 so she can buy some candy. How much money does he have now?

Bobby has \$20.34 and gave his brother some money. Now Bobby has \$5.60 left over. How much money did he give to his brother?

Bobby has some money and gave his mom \$43.58 of it. Now he has \$56.42 left. How much money did he have before he gave some to his mom?

Combined (whole unknown)

Bobby has 57 Transformer action figures and 38 Power Rangers action figures. How many action figures does he have all together?

Combined (part unknown)

Bobby has 113 action figures. 58 are Transformers and the rest are Power Rangers. How many Power Rangers action figures does he have?

Equalize

Bobby has 113 action figures and his friend, Charlie, has 73 action figures. If they paired their action figures, how many action figures would be left without a partner?

Bobby has 127 Transformer action figures and some Power Ranger action figures. Bobby gave each Transformer a Power Ranger partner, but there were 35 Transformers left without a partner. How many Power Ranger action figures does he have?

Bobby has 743 red Lego pieces and some blue Lego pieces. Bobby combined all the red Lego pieces with the blue Lego pieces but he was short 74 blue Legos. How many blue Lego pieces does Bobby have?

Compare

Bobby has 654 blue Lego pieces and 753 red Lego pieces. How many more red Lego pieces does she have?

Bobby has 126 red Lego pieces and some blue Lego pieces. He has 145 more blue Lego pieces than red. How many blue Lego pieces does he have?

Bobby has 137 red Lego pieces and some blue Lego pieces. He has 37 fewer blue Lego pieces. How many blue Lego pieces does Bobby have?