

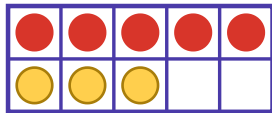


The 4 kinds of word problems no cutting · keep it on the fridge

Add to



5 hens sit in the sun. 3 more hens come. **How many hens now?**

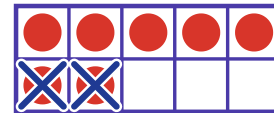


$$5 + 3 = 8 \cdot 8 \text{ hens}$$

Take from



7 bugs sit on a log. 2 bugs run off. **How many bugs are left?**

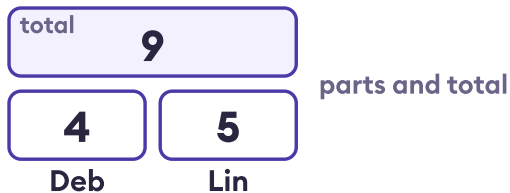


$$7 - 2 = 5 \cdot 5 \text{ bugs}$$

Put together / take apart



Deb has 4 caps. Lin has 5 caps. **How many caps in all?**



$$4 + 5 = 9 \cdot 9 \text{ caps}$$

Compare



Max has 6 pugs. Fin has 4 pugs. **How many more pugs does Max have?**



$$4 + ? = 6 \cdot 2 \text{ more pugs}$$

The missing number can move

★ = tricky. Fine to find hard in 1st grade.

at the end $5 + 3 = ?$ · in the middle $5 + ? = 8$ · at the start $? + 3 = 8$ ★

Words to read in the question: how many · in all · left · now · more · fewer · at first · does

These words help you read the question. They don't tell you to add or take away.



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Kindergarten word problems read aloud · within 10

Name _____

Read each problem aloud. Your child counts the pictures, crosses out the ones that go, and says the answer.

1. 3 pigs nap in the mud. 2 more pigs come. How many pigs now?



pigs

2. 4 dogs sit on a rug. 3 more dogs jump on. How many dogs now?



dogs

3. 6 eggs are in a box. 2 eggs fall out. How many eggs are left?



eggs

4. 9 nuts are on a mat. A cub eats 4 nuts. How many nuts are left?



nuts

5. Lin has 2 hats. Pat has 6 hats. How many hats in all?

Lin



Pat



hats

6. Gabe has 7 buns. He puts some in a box and the rest in a bag. How many go in the box and how many in the bag?


box
bag

find 3 ways

_____ in the box, _____ in the bag

_____ in the box, _____ in the bag

_____ in the box, _____ in the bag



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Add to and take from within 10 • draw circles in the ten frame

Name _____



1. Max has **6** pens. He gets **3** more pens. **How many pens does Max have now?**

pens



2. **8** cats nap on a bed. **3** cats run off. **How many cats are left?**

cats



3. Deb has **4** figs. Tod gives her **4** more figs. **How many figs does Deb have now?**

figs



4. **10** bugs are on a rock. **4** bugs hop off. **How many bugs are left?**

bugs



5. **3** buns sat in a pan. Mom put in some more. Now **9** buns are in the pan. **How many buns did Mom put in?**

buns



6. **9** nuts were in a bag. Fin ate some. Now **6** nuts are in the bag. **How many nuts did Fin eat?**

nuts



7. Nell had **2** pins. She got some more. Now she has **7** pins. **How many pins did she get?**

pins



8. **7** pugs sat in a tub. Some pugs got out. Now **3** pugs are in the tub. **How many pugs got out?**

pugs



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Add to and take from 11 to 20 · fill the left ten frame first

Name _____



1. Jess has **9** eggs. She gets **4** more eggs. **How many eggs does Jess have now?**

--

eggs



2. **8** cubs nap in a den. **6** more cubs come. **How many cubs are in the den now?**

--

cubs



3. **14** hats are in a box. Stan takes **6** hats. **How many hats are left in the box?**

--

hats



4. **8** hens sat in a hut. Then some more hens came. Now **13** hens sit in the hut. **How many hens came?**

--

hens



5. **16** mugs sat on a shelf. Some mugs fell off. Now **9** mugs are on the shelf. **How many mugs fell off?**

--

mugs



6. **15** cats sat on a hill. Some cats ran off. Now **8** cats are on the hill. **How many cats ran off?**

--

cats



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Put together and take apart two parts make the total

Name _____

9
4 5

total 9 • parts 4 and 5

The parts make the total.



1. Tash has 7 big jets and 6 little jets. **How many jets does Tash have in all?**

total	
part	part

jets



2. 8 big dogs and 9 little dogs sit on the grass. **How many dogs in all?**

total	
part	part

dogs



3. Gabe has 10 pens in a cup and 4 pens in a tin. **How many pens does Gabe have in all?**

total	
part	part

pens



4. Zane has 12 hats. 5 hats are on a peg. The rest are on a bed. **How many hats are on the bed?**

total	
part	part

hats



5. 15 eggs are in a nest. 9 eggs are brown. The rest are white. **How many eggs are white?**

total	
part	part

eggs



6. Peg has 11 nuts in all. Some are big. 4 are little. **How many nuts are big?**

total	
part	part

nuts



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Compare match the two rows · count the extras

Name _____



1. Max has **10** nuts. Deb has **7** nuts. **How many more nuts does Max have than Deb?**

Max ○○○○○○○○○○○○

Deb ○○○○○○○○

nuts



2. Fin has **12** pens. Jess has **8** pens. **How many more pens does Fin have than Jess?**

Fin ○○○○○○○○○○○○○○

Jess ○○○○○○○○○○

pens



3. Lin has **6** hats. Tod has **10** hats. **How many fewer hats does Lin have than Tod?**

Lin ○○○○○○

Tod ○○○○○○○○○○○○

hats



4. Nell has **14** buns. Stan has **9** buns. **How many fewer buns does Stan have than Nell?**

Nell ○○○○○○○○○○○○○○

Stan ○○○○○○○○○○

buns



5. **8** dogs want a bone. There are **5** bones. **How many dogs do not get a bone?**

dogs ○○○○○○○○



bones ○○○○○

dogs



6. Gabe has **3** more figs than Pat. Pat has **9** figs. **How many figs does Gabe have?**

Gabe draw Gabe's figs

Pat ○○○○○○○○○○

figs



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★ Challenge the tricky kinds

Name _____

These four kinds are practiced in 1st grade and mastered in 2nd. Draw it first. If it is hard, act it out.



1. Some dogs sat on a bed. **4** more dogs came. Now **9** dogs sit on the bed. **How many dogs sat on the bed at first?**

draw it

dogs



2. Deb had some pens. Tod gave her **6** pens. Now Deb has **14** pens. **How many pens did Deb have at first?**

draw it

pens



3. Some mugs sat on a desk. **5** mugs fell off. Now **7** mugs are on the desk. **How many mugs sat on the desk at first?**

draw it

mugs



4. Max had some nuts. He ate **3** nuts. Now he has **6** nuts left. **How many nuts did Max have at first?**

draw it

nuts



5. Fin has **4** fewer caps than Nell. Fin has **8** caps. **How many caps does Nell have?**

draw it

caps



6. Jess has **5** more figs than Pat. Jess has **11** figs. **How many figs does Pat have?**

draw it

figs



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Three numbers totals up to 20 · look for a 10 or a double first

Name _____

2 + 5 + 8: 2 + 8 = 10, then 10 + 5 = 15.



1. 4 pens are in a cup. 3 pens are in a bag. 6 pens are in a box. **How many pens in all?**

$$\square + \square + \square = \square \text{ pens}$$



2. Max got 7 eggs, then 2 eggs, then 3 eggs. **How many eggs did Max get in all?**

$$\square + \square + \square = \square \text{ eggs}$$



3. 5 dogs, 5 cats and 6 pigs nap in the sun. **How many of them nap in the sun?**

$$\square + \square + \square = \square \text{ animals}$$



4. Tash has 8 caps. Ren has 2 caps. Zane has 9 caps. **How many caps in all?**

$$\square + \square + \square = \square \text{ caps}$$



5. Pat has 1 hat, Nell has 6 hats and Tod has 4 hats. **How many hats in all?**

$$\square + \square + \square = \square \text{ hats}$$



6. Gabe has 6 buns. Peg has 3 buns. Deb has 3 buns. **How many buns in all?**

$$\square + \square + \square = \square \text{ buns}$$



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Which kind is it? tick the kind, then solve

Name _____

Tick one box. Then solve it. Problem 4 has a number you don't need: cross it out.



1. 13 pigs sit by a pond. 4 pigs run off. **How many pigs are left?**

☐ add to ☐ take from ☐ parts and total ☐ compare

pigs



2. Zane has 11 jets. Ren has 6 jets. **How many more jets does Zane have than Ren?**

☐ add to ☐ take from ☐ parts and total ☐ compare

jets



3. Brit has 8 mugs. She gets 7 more mugs. **How many mugs does Brit have now?**

☐ add to ☐ take from ☐ parts and total ☐ compare

mugs



4. Lin has 9 big hats and 3 little hats. She has 4 bags. **How many hats does Lin have?**

☐ add to ☐ take from ☐ parts and total ☐ compare

hats



5. Stan had 5 vans. He got some more. Now he has 12 vans. **How many vans did Stan get?**

☐ add to ☐ take from ☐ parts and total ☐ compare

vans



6. Peg has 15 pins. Fin has 8 pins. **How many fewer pins does Fin have than Peg?**

☐ add to ☐ take from ☐ parts and total ☐ compare

pins



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Talk first fold back on the dashed line

Name _____

Read the top stories. Ask: what could the question be? Your child says it out loud; no writing needed. Then unfold and solve.



1. Some cats sat on a mat. Then some more cats came.

Say it: what could the question be?



2. Ren had some buns. He ate some of them.

Say it: what could the question be?

----- fold back here -----



1. **6** cats sat on a mat. Then **5** more cats came. **How many cats now?**

cats

2. Ren had **12** buns. He ate **4** buns. **How many buns are left?**

buns

Make your own

draw it

_____ sat on a mat. _____ more came. How many _____ now?

draw it

_____ were on a log. _____ ran off. How many are left?

_____

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Answer key for grown-ups · pages 1 to 6

Page 1 • The 4 kinds

p1 · see the chart

Page 2 • Kindergarten

p2 · 1. $3 + 2 = ?$, so 5 pigs

p2 · 2. $4 + 3 = ?$, so 7 dogs

p2 · 3. $6 - 2 = ?$, so 4 eggs

p2 · 4. $9 - 4 = ?$, so 5 nuts

p2 · 5. $2 + 6 = ?$, so 8 hats

p2 · 6. any 3 of: 0 and 7, 1 and 6, 2 and 5, 3 and 4, 4 and 3, 5 and 2, 6 and 1, 7 and 0

Page 3 • Within 10

p3 · 1. $6 + 3 = ?$, so 9 pens

p3 · 2. $8 - 3 = ?$, so 5 cats

p3 · 3. $4 + 4 = ?$, so 8 figs

p3 · 4. $10 - 4 = ?$, so 6 bugs

p3 · 5. $3 + ? = 9$, so 6 buns

p3 · 6. $9 - ? = 6$, so 3 nuts

p3 · 7. $2 + ? = 7$, so 5 pins

p3 · 8. $7 - ? = 3$, so 4 pugs

Page 4 • 11 to 20

p4 · 1. $9 + 4 = ?$, so 13 eggs

p4 · 2. $8 + 6 = ?$, so 14 cubs

p4 · 3. $14 - 6 = ?$, so 8 hats

p4 · 4. $8 + ? = 13$, so 5 hens

p4 · 5. $16 - ? = 9$, so 7 mugs

p4 · 6. $15 - ? = 8$, so 7 cats

Page 5 • Parts and total

p5 · 1. $7 + 6 = ?$, so 13 jets

p5 · 2. $8 + 9 = ?$, so 17 dogs

p5 · 3. $10 + 4 = ?$, so 14 pens

p5 · 4. $5 + ? = 12$, so 7 hats

p5 · 5. $9 + ? = 15$, so 6 eggs

p5 · 6. $? + 4 = 11$, so 7 nuts

Page 6 • Compare

p6 · 1. $7 + ? = 10$, so 3 more nuts

p6 · 2. $8 + ? = 12$, so 4 more pens

p6 · 3. $10 - ? = 6$, so 4 fewer hats

p6 · 4. $14 - ? = 9$, so 5 fewer buns

p6 · 5. $5 + ? = 8$, so 3 dogs

p6 · 6. $9 + 3 = ?$, so 12 figs



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Answer key for grown-ups · pages 7 to 10

Page 7 · Challenge

p7 · 1. $? + 4 = 9$, and $9 - 4 = 5$, so 5 dogs

p7 · 2. $? + 6 = 14$, and $14 - 6 = 8$, so 8 pens

p7 · 3. $? - 5 = 7$, and $7 + 5 = 12$, so 12 mugs

p7 · 4. $? - 3 = 6$, and $6 + 3 = 9$, so 9 nuts

p7 · 5. $8 + 4 = ?$, so 12 caps

p7 · 6. $11 - 5 = ?$, so 6 figs

Page 8 · Three numbers

p8 · 1. $4 + 3 + 6 = ?$, and $4 + 6 = 10$, then $10 + 3 = 13$, so 13 pens

p8 · 2. $7 + 2 + 3 = ?$, and $7 + 3 = 10$, then $10 + 2 = 12$, so 12 eggs

p8 · 3. $5 + 5 + 6 = ?$, and $5 + 5 = 10$, then $10 + 6 = 16$, so 16 animals

p8 · 4. $8 + 2 + 9 = ?$, and $8 + 2 = 10$, then $10 + 9 = 19$, so 19 caps

p8 · 5. $1 + 6 + 4 = ?$, and $6 + 4 = 10$, then $10 + 1 = 11$, so 11 hats

p8 · 6. $6 + 3 + 3 = ?$, and $3 + 3 = 6$, then $6 + 6 = 12$, so 12 buns

Page 9 · Which kind is it?

p9 · 1. take from · $13 - 4 = ?$, so 9 pigs

p9 · 2. compare · $6 + ? = 11$, so 5 more jets

p9 · 3. add to · $8 + 7 = ?$, so 15 mugs

p9 · 4. parts and total · $9 + 3 = ?$, so 12 hats (cross out the 4)

p9 · 5. add to · $5 + ? = 12$, so 7 vans

p9 · 6. compare · $15 - ? = 8$, so 7 fewer pins

Page 10 · Talk first

p10 · top: any question that fits the story

p10 · 1. $6 + 5 = ?$, so 11 cats

p10 · 2. $12 - 4 = ?$, so 8 buns

p10 · Make your own: answers will vary.



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