WINTER 3 DIGIT ADDITION AND SUBTRACTION COLOR BY NUMBER



Bright Path Sped

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This is a fillable PDF

- Open it in a PDF reader (Adobe Acrobat Reader, Preview, or your browser), click into a box, type, and Save As.
- The name line on the student pages, the tracker and the notes areas are type-in fields. You can also print any page and write by hand.
- It works offline. No account, no subscription, no internet connection needed after you download it.

Print at 100 percent

Turn off fit to page and shrink to fit so the numbers stay big enough for small eyes. Every page prints in color or in black and white. In black and white the color key still works: each swatch carries its color word, so a child can pick up the right crayon and a teacher can read the page from across the table.

Student work

A filled-in tracker carries a student's name. Keep it in the data folder, and use a first name only on any page that leaves your hands.

Need help?

If a box will not behave or a page will not print the way you expect, use Ask a Question on the product page before leaving a review. Every question is read, and a fix to the file ships as a free update: re-download it any time from My Purchases.

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PREVIEW

My name _____

Add the ones, then the tens, then the hundreds.

No trade

100s 10s 1s

$$\begin{array}{r} 342 \\ +\ 215 \\ \hline 557 \end{array}$$

1. Ones: 2 + 5 = 7.
2. Tens: 4 + 1 = 5.
3. Hundreds: 3 + 2 = 5.
4. 342 + 215 = 557

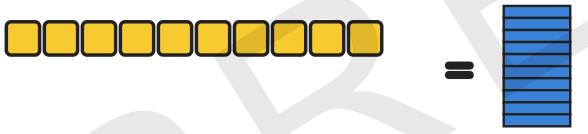
Trade: carry a ten or a hundred

100s 10s 1s

$$\begin{array}{r} {\scriptstyle 1\ \ 1\ \ } \\ 348 \\ +\ 265 \\ \hline 613 \end{array}$$

1. Ones: 8 + 5 = 13. Write 3. Carry 1 ten.
2. Tens: 4 + 6 + 1 = 11. Write 1. Carry 1 hundred.
3. Hundreds: 3 + 2 + 1 = 6.
4. 348 + 265 = 613

Ten for one





10 ones make 1 ten. 10 tens make 1 hundred.

Try it. Write the answer.

214 + 345 = ☐

526 + 143 = ☐

278 + 465 = ☐

359 + 288 = ☐

132 + 456 = ☐

487 + 345 = ☐

PREVIEW

Binder Cover and Spine

Slide this into the front of a binder or a folder. The spine strip is below it; the three divider tabs come before each set (pages 7, 12 and 17).



3 DIGIT ADDITION AND SUBTRACTION COLOR BY NUMBER

winter pictures: no regrouping, regrouping and mixed

Name _____

Class or group _____

School year _____

PREVIEW

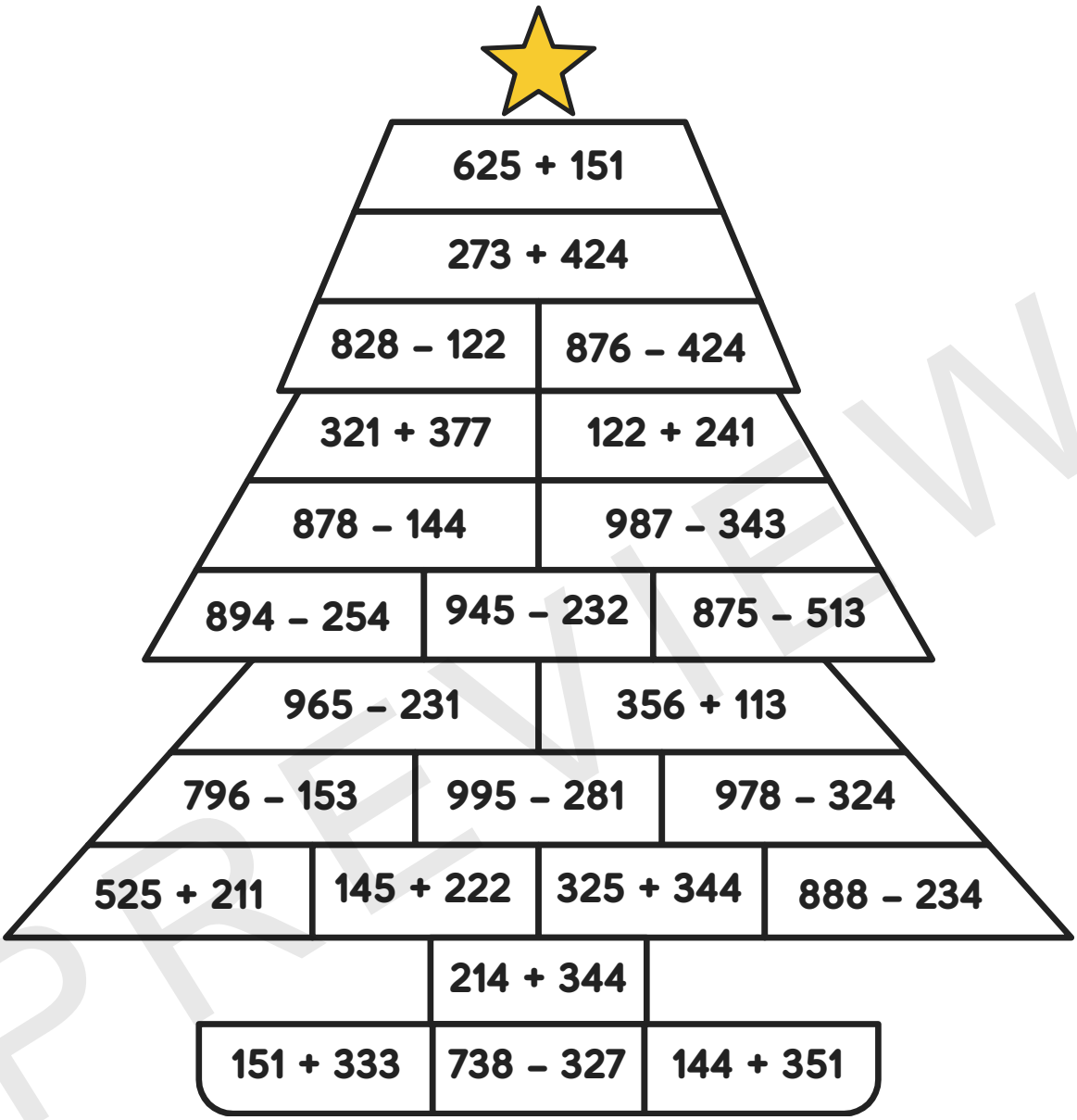
3 Digit Addition and Subtraction Color by Number - Bright Path Sped

Spine strip: fold it around the spine of a one-inch binder, or tape it flat to a folder edge.

Preview · Bright Path Sped

My name _____

Add or subtract. Color by the key.



PREVIEW

Color key: find the range with your answer, then use that crayon

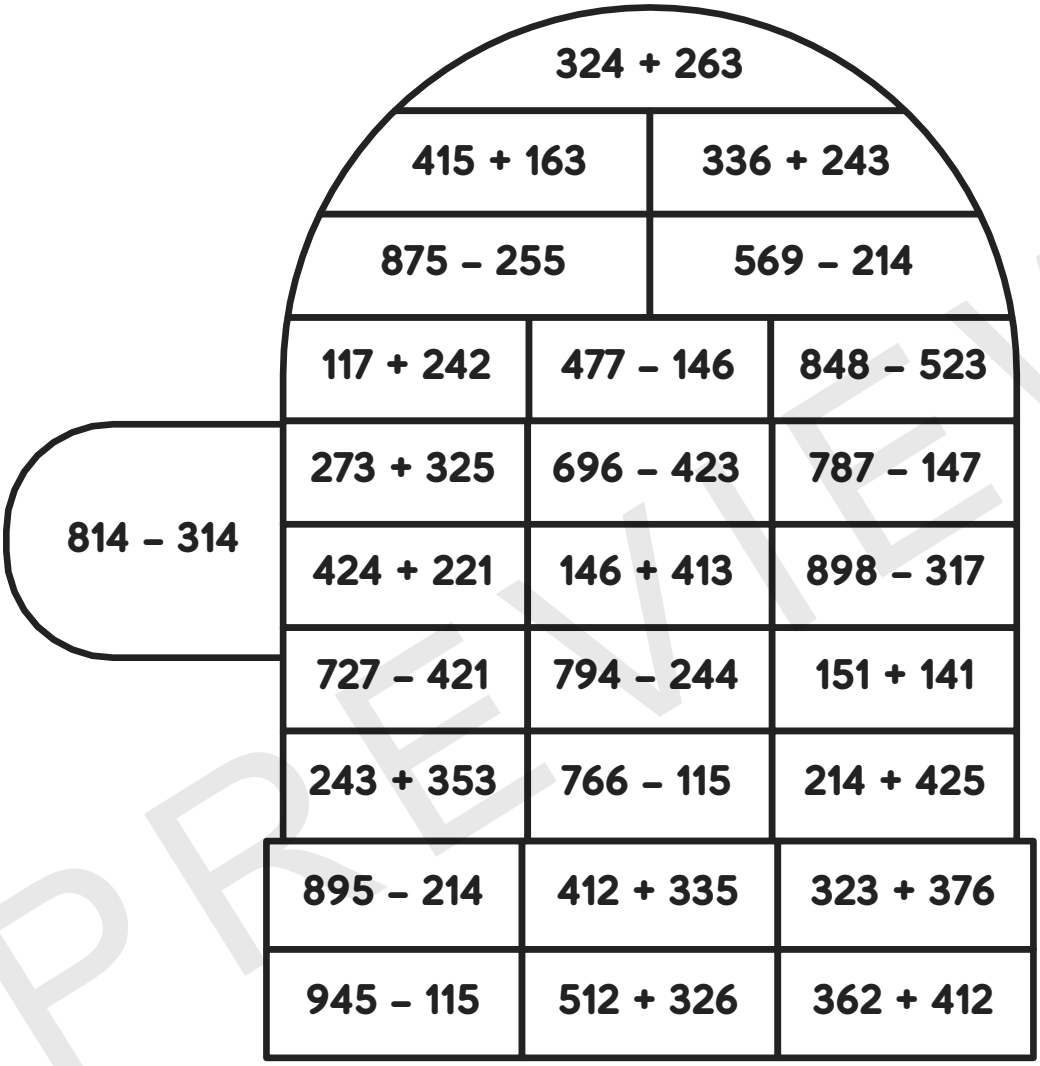
263 to 382	383 to 497	498 to 637	638 to 741	742 to 879
blue	red	brown	green	yellow

Look at the sign. Ones first, then tens, then hundreds.

Show your work

My name _____

Add or subtract. Color by the key.



PREVIEW

Color key: find the range with your answer, then use that crayon

264 to 383	384 to 506	507 to 656	657 to 771	772 to 876
pink	blue	red	white	yellow

Look at the sign. Ones first, then tens, then hundreds.

Show your work

Divider Tab 2 of 3

Slide this sheet in front of the square pages.



REGROUPING

Every problem needs a carry or a trade. Four pictures to color.

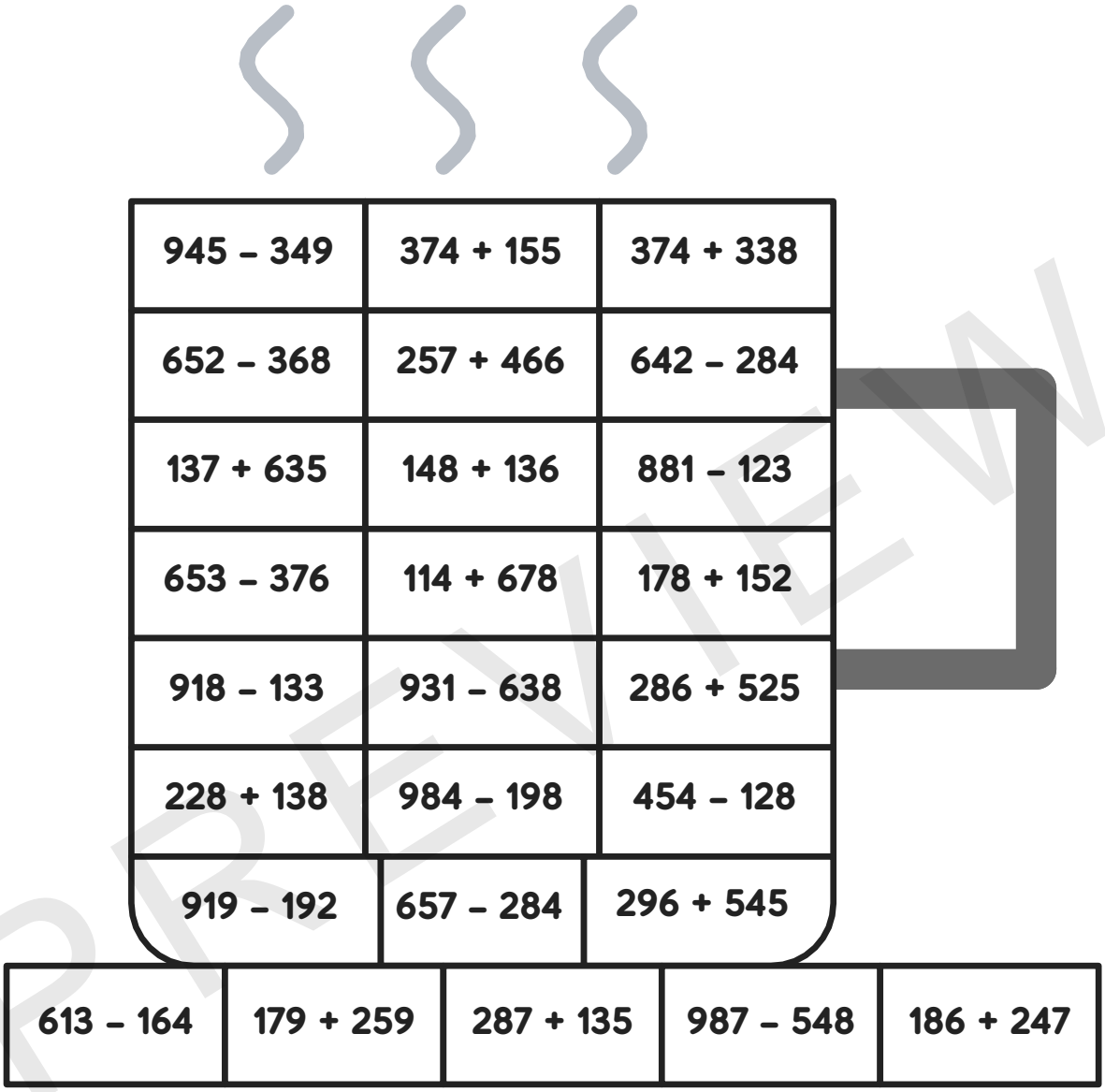
Pages 12-16

PREVIEW

Preview · Bright Path Sped

My name _____

Trade if you need to. Color by the key.



PREVIEW

Color key: find the range with your answer, then use that crayon

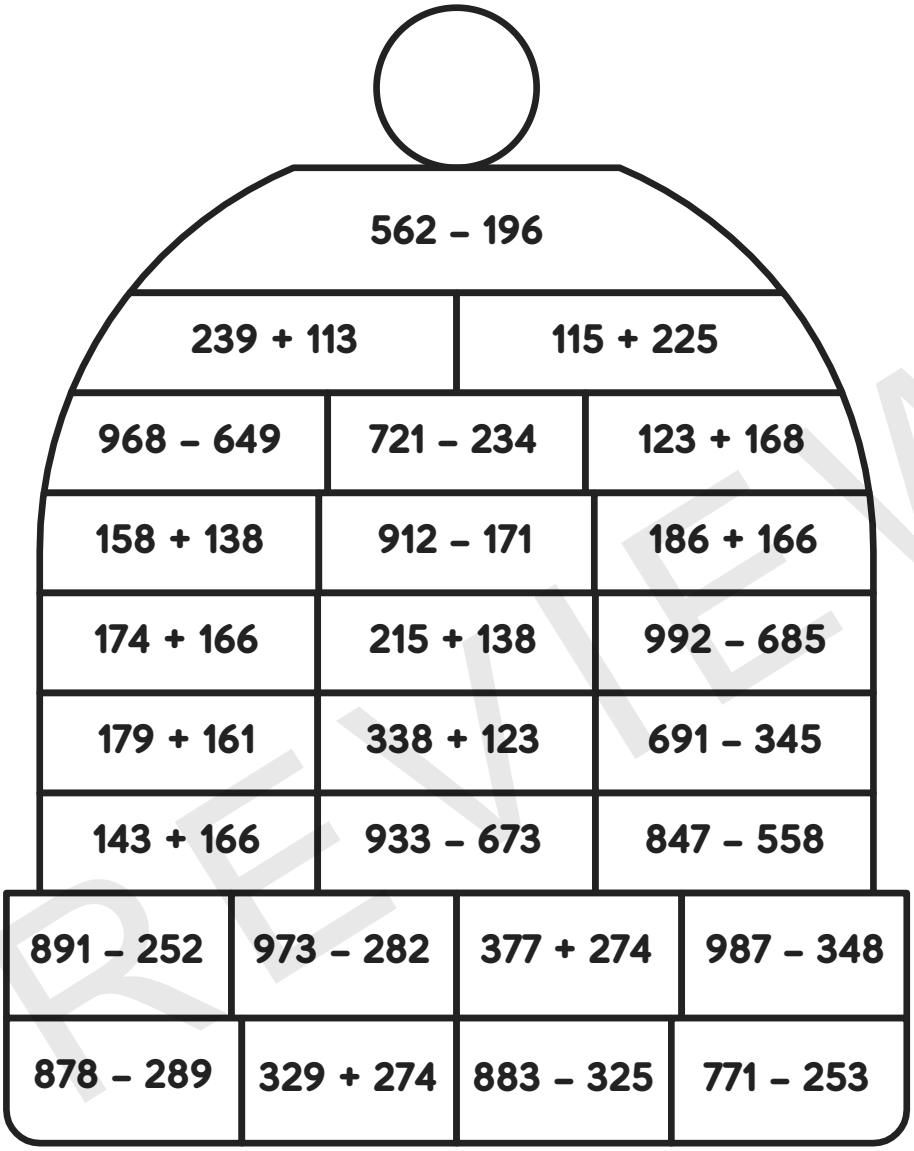
251 to 380	381 to 486	487 to 590	591 to 715	716 to 857
red	gray	white	brown	yellow

Ones first. Not enough? Trade a ten or a hundred.

Show your work

My name _____

Trade if you need to. Color by the key.



Color key: find the range with your answer, then use that crayon

245 to 371	372 to 503	504 to 622	623 to 728	729 to 852
blue	yellow	red	light blue	white

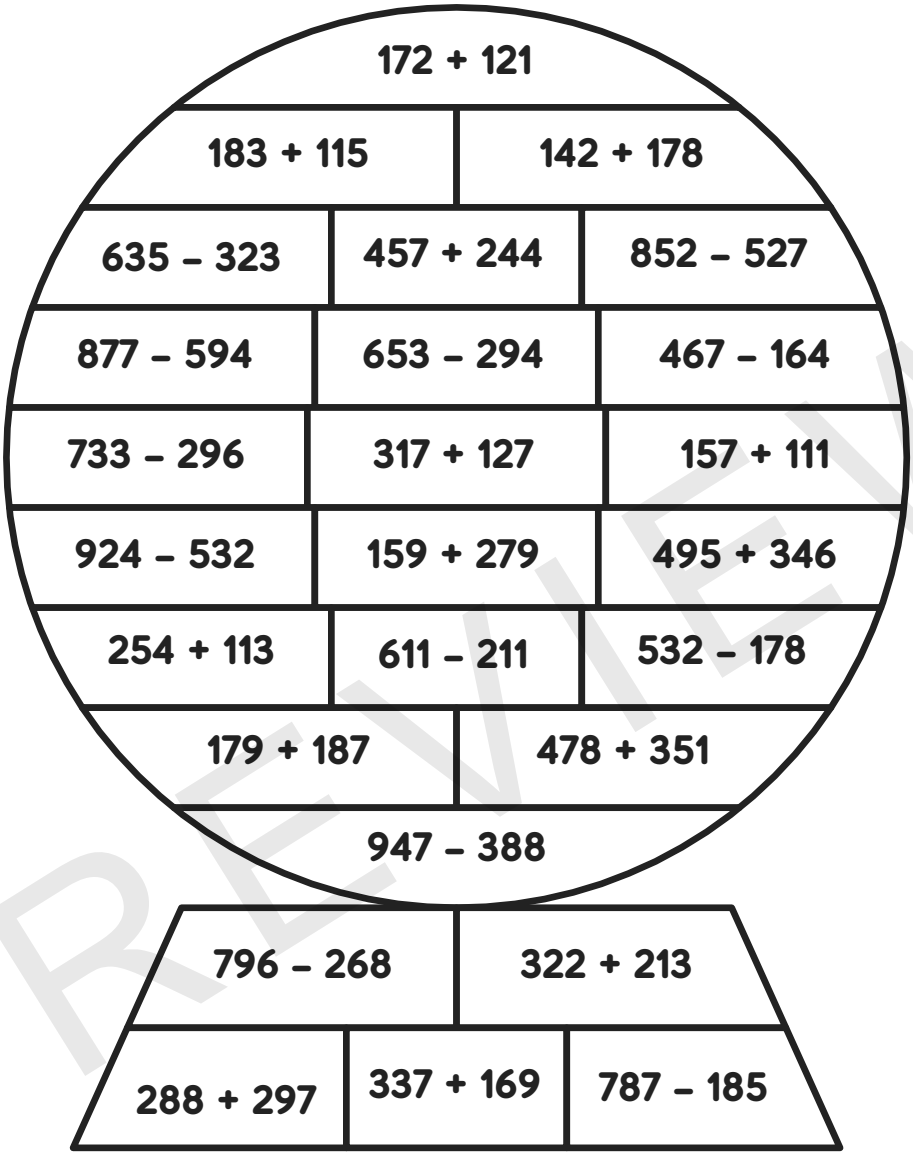
Ones first. Not enough? Trade a ten or a hundred.

Show your work

PREVIEW

My name _____

Check the sign. Color by the key.



PREVIEW

Color key: find the range with your answer, then use that crayon

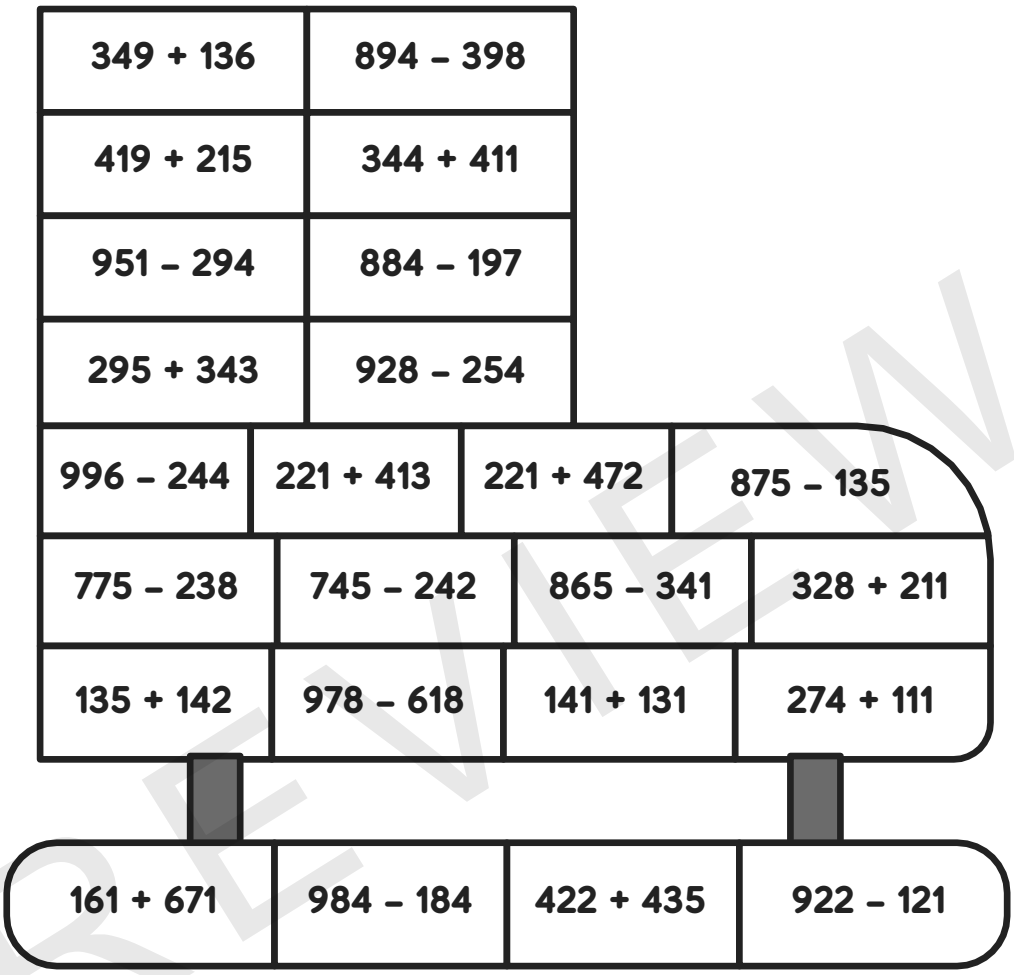
255 to 345	346 to 473	474 to 565	566 to 657	658 to 782	783 to 874
light blue	green	brown	red	yellow	white

Look at the sign. Ones first. Trade if you need to.

Show your work

My name _____

Check the sign. Color by the key.



PREVIEW

Color key: find the range with your answer, then use that crayon

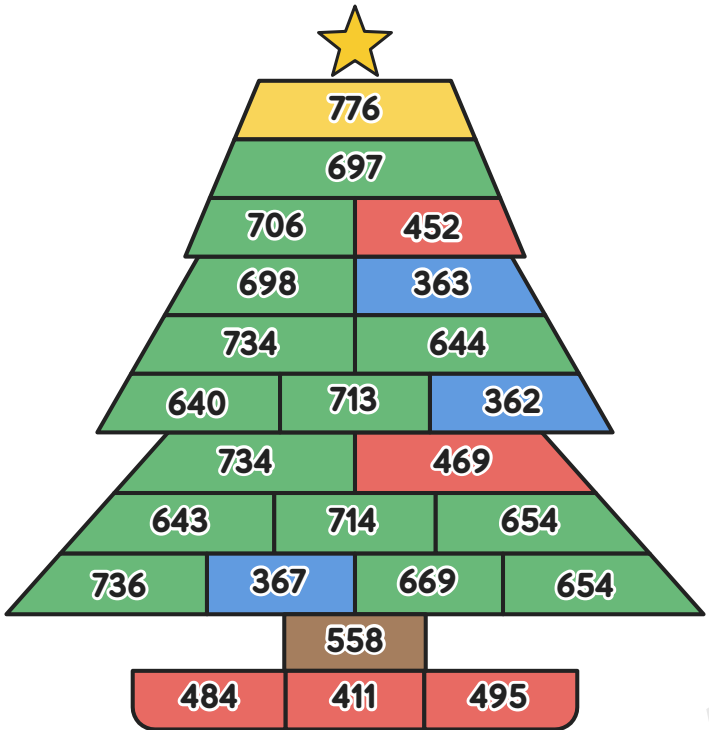
251 to 397	398 to 501	502 to 632	633 to 757	758 to 879
yellow	red	blue	white	gray

Look at the sign. Ones first. Trade if you need to.

Show your work

Answer Key 1

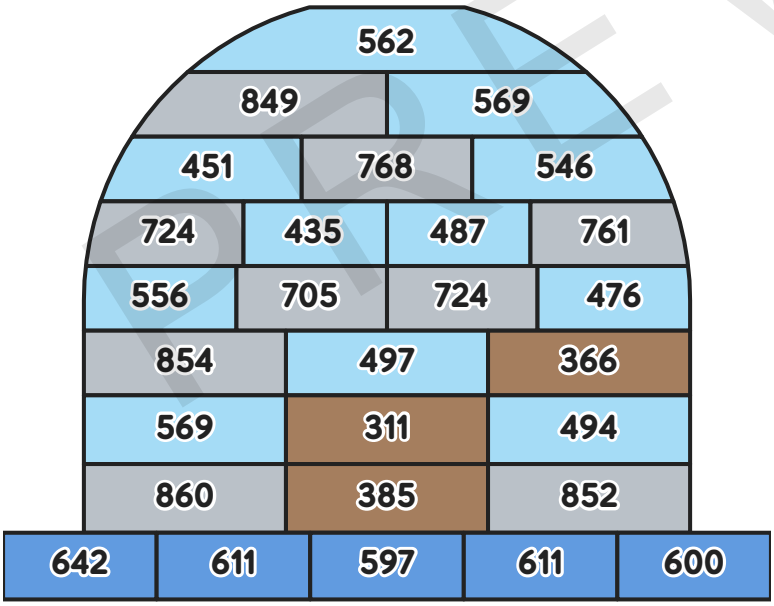
Each finished picture shows the answer in every part.



Page 8 - Pine Tree (No Regrouping)

Answer range, color, and the problems with their answers.

263–382 blue: 875 – 513 = 362, 122 + 241 = 363, 145 + 222 = 367; **383–497** red: 738 – 327 = 411, 876 – 424 = 452, 356 + 113 = 469, 151 + 333 = 484, 144 + 351 = 495; **498–637** brown: 214 + 344 = 558; **638–741** green: 894 – 254 = 640, 796 – 153 = 643, 987 – 343 = 644, 888 – 234 = 654, 978 – 324 = 654, 325 + 344 = 669, 273 + 424 = 697, 321 + 377 = 698, 828 – 122 = 706, 945 – 232 = 713, 995 – 281 = 714, 878 – 144 = 734, 965 – 231 = 734, 525 + 211 = 736; **742–879** yellow: 625 + 151 = 776.



Page 9 - Igloo (No Regrouping)

Answer range, color, and the problems with their answers.

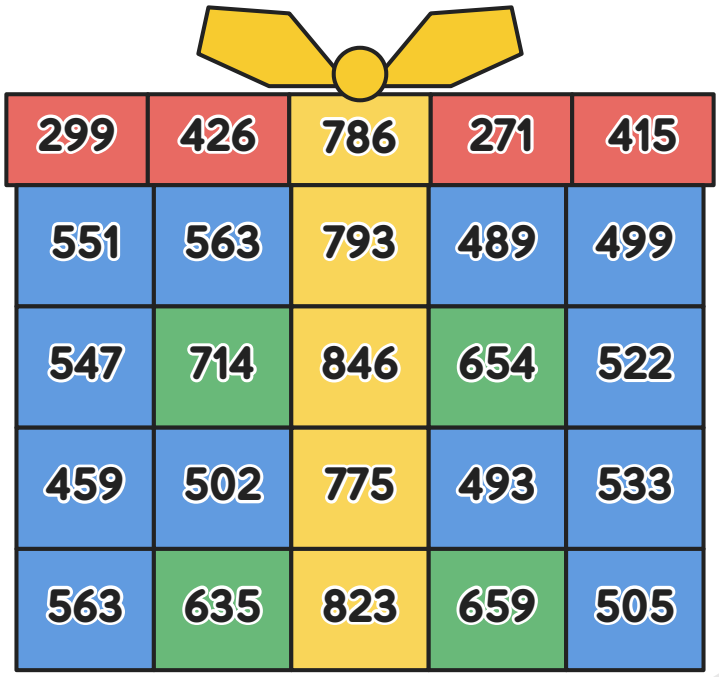
247–405 brown: 839 – 528 = 311, 224 + 142 = 366, 134 + 251 = 385; **406–579** light blue: 647 – 212 = 435, 692 – 241 = 451, 113 + 363 = 476, 334 + 153 = 487, 371 + 123 = 494, 275 + 222 = 497, 421 + 125 = 546, 315 + 241 = 556, 974 – 412 = 562, 121 + 448 = 569, 458 + 111 = 569; **580–700** blue: 223 + 374 = 597, 966 – 366 = 600, 973 – 362 = 611, 999 – 388 = 611, 778 – 136 = 642; **701–870** gray: 938 – 233 = 705, 899 – 175 = 724, 968 – 244 = 724, 888 – 127 = 761, 116 + 652 = 768, 526 + 323 = 849, 973 – 121 = 852, 133 + 721 = 854, 989 – 129 = 860.

Hold the child's picture next to the finished one. A part is right when its color matches the key for its answer. If a part is different, ask the child to work it again with the ones first, or look at pages 4 and 5. Record how many parts match on the tracker (page 28). The number in each finished part is its answer.

PREVIEW

Answer Key 3

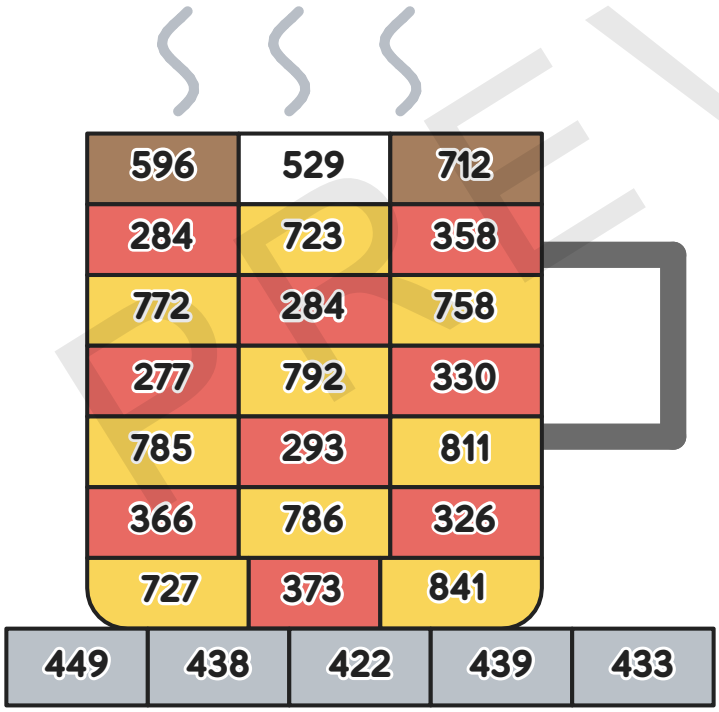
Each finished picture shows the answer in every part.



Page 13 - Gift Box (Regrouping)

Answer range, color, and the problems with their answers.

271–436 red: 533 – 262 = 271, 896 – 597 = 299, 163 + 252 = 415, 259 + 167 = 426; **437–589** blue: 263 + 196 = 459, 874 – 385 = 489, 355 + 138 = 493, 832 – 333 = 499, 221 + 281 = 502, 262 + 243 = 505, 128 + 394 = 522, 372 + 161 = 533, 776 – 229 = 547, 168 + 383 = 551, 762 – 199 = 563, 919 – 356 = 563; **590–731** green: 984 – 349 = 635, 291 + 363 = 654, 937 – 278 = 659, 268 + 446 = 714; **732–854** yellow: 926 – 151 = 775, 391 + 395 = 786, 649 + 144 = 793, 971 – 148 = 823, 972 – 126 = 846.



Page 14 - Cocoa Mug (Regrouping)

Answer range, color, and the problems with their answers.

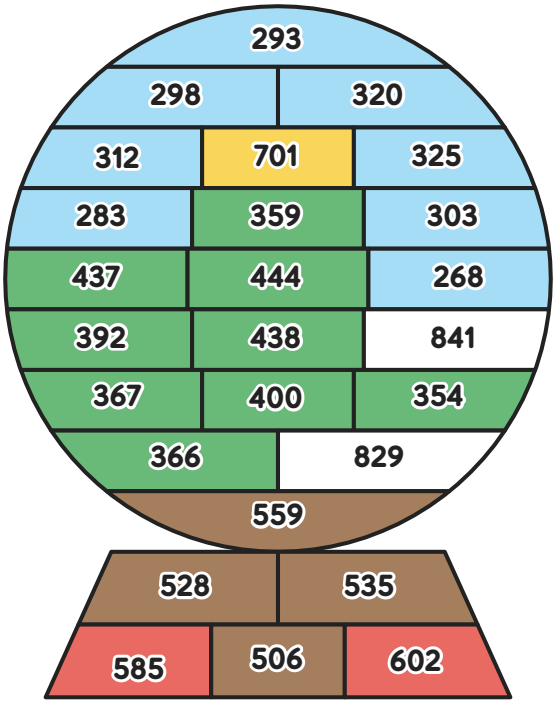
251–380 red: 653 – 376 = 277, 148 + 136 = 284, 652 – 368 = 284, 931 – 638 = 293, 454 – 128 = 326, 178 + 152 = 330, 642 – 284 = 358, 228 + 138 = 366, 657 – 284 = 373; **381–486** gray: 287 + 135 = 422, 186 + 247 = 433, 179 + 259 = 438, 987 – 548 = 439, 613 – 164 = 449; **487–590** white: 374 + 155 = 529; **591–715** brown: 945 – 349 = 596, 374 + 338 = 712; **716–857** yellow: 257 + 466 = 723, 919 – 192 = 727, 881 – 123 = 758, 137 + 635 = 772, 918 – 133 = 785, 984 – 198 = 786, 114 + 678 = 792, 286 + 525 = 811, 296 + 545 = 841.

Hold the child's picture next to the finished one. A part is right when its color matches the key for its answer. If a part is different, ask the child to work it again with the ones first, or look at pages 4 and 5. Record how many parts match on the tracker (page 28). The number in each finished part is its answer.

PREVIEW

Answer Key 5

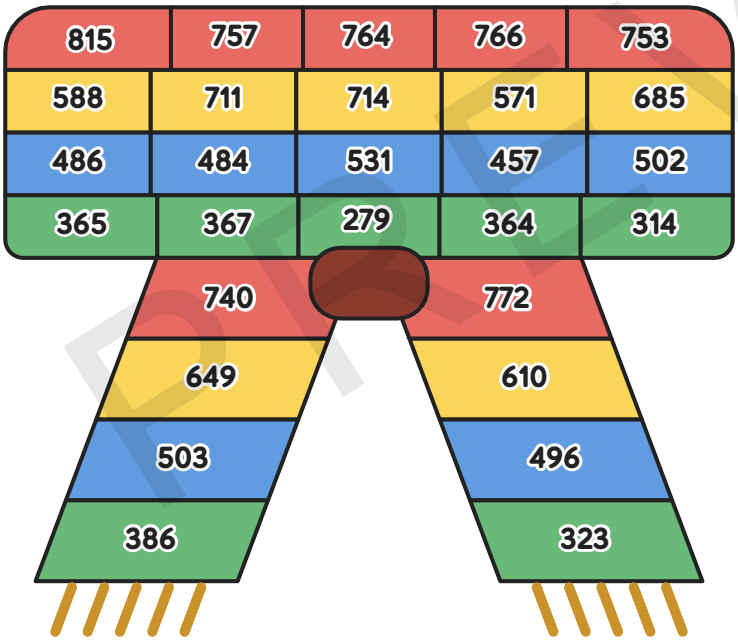
Each finished picture shows the answer in every part.



Page 18 - Snow Globe (Mixed)

Answer range, color, and the problems with their answers. * = needs a carry or a trade.

255–345 light blue: 157 + 111 = 268, 877 – 594 = 283*, 172 + 121 = 293, 183 + 115 = 298, 467 – 164 = 303, 635 – 323 = 312, 142 + 178 = 320*, 852 – 527 = 325*; **346–473** green: 532 – 178 = 354*, 653 – 294 = 359*, 179 + 187 = 366*, 254 + 113 = 367, 924 – 532 = 392*, 611 – 211 = 400, 733 – 296 = 437*, 159 + 279 = 438*, 317 + 127 = 444*; **474–565** brown: 337 + 169 = 506*, 796 – 268 = 528*, 322 + 213 = 535, 947 – 388 = 559*; **566–657** red: 288 + 297 = 585*, 787 – 185 = 602; **658–782** yellow: 457 + 244 = 701*; **783–874** white: 478 + 351 = 829*, 495 + 346 = 841*.



Page 19 - Scarf (Mixed)

Answer range, color, and the problems with their answers. * = needs a carry or a trade.

279–414 green: 118 + 161 = 279, 539 – 225 = 314, 677 – 354 = 323, 143 + 221 = 364, 643 – 278 = 365*, 956 – 589 = 367*, 123 + 263 = 386; **415–559** blue: 743 – 286 = 457*, 299 + 185 = 484*, 343 + 143 = 486, 677 – 181 = 496*, 223 + 279 = 502*, 371 + 132 = 503*, 857 – 326 = 531; **560–722** yellow: 835 – 264 = 571*, 983 – 395 = 588*, 795 – 185 = 610, 222 + 427 = 649, 154 + 531 = 685, 394 + 317 = 711*, 565 + 149 = 714*; **723–869** red: 938 – 198 = 740*, 931 – 178 = 753*, 644 + 113 = 757, 981 – 217 = 764*, 941 – 175 = 766*, 197 + 575 = 772*, 654 + 161 = 815*.

Hold the child's picture next to the finished one. A part is right when its color matches the key for its answer. If a part is different, ask the child to work it again with the ones first, or look at pages 4 and 5. Record how many parts match on the tracker (page 28). The number in each finished part is its answer.

PREVIEW

Tracker

For each page, write the date and how many parts were colored right. A blank row means not done yet, never wrong.

Student _____ Teacher _____ School year _____

Page	Picture	Set	Date	Right	Out of	Notes
8	Pine Tree	No regroup			24	
9	Igloo	No regroup			28	
10	Mitten	No regroup			27	
11	Log Cabin	No regroup			27	
13	Gift Box	Regroup			25	
14	Cocoa Mug	Regroup			26	
15	Winter Boot	Regroup			26	
16	Winter Hat	Regroup			26	
18	Snow Globe	Mixed			26	
19	Scarf	Mixed			28	
20	Ice Skate	Mixed			24	
21	Ornament	Mixed			24	

What I noticed about the trades

What to practice next

Notes

PREVIEW

Adding and Subtracting at Home

Send this page home with a child, or hand it to a family at a conference. Change the numbers to match your week.

Student _____ Week of _____

How to help at home, in three steps

- Write the problem with the hundreds over the hundreds, the tens over the tens and the ones over the ones. Say it out loud: "Look at the sign. Ones first."
- If you cannot add or subtract a place, trade: 10 ones make 1 ten, and 10 tens make 1 hundred.
- Find the answer in the color key on the page, and color that part together. Color two or three parts, then stop while it is still going well.

Problems to try together

234 + 152 = ☐

346 + 218 = ☐

468 + 357 = ☐

758 − 423 = ☐

631 − 287 = ☐

725 − 468 = ☐

Try saying

- "Is it a plus or a minus? What do you do first?"
- "Is the top number big enough? What can you trade?"
- "Where did the extra ten go?"

Note from the teacher

Note from home

PREVIEW