

KS1 Block Adventurer Mixed Calculation Mosaic

Solve the calculation to reveal a hidden picture. Each answer has a special colour:

orange = 1, 2, 3

skin tone = 4, 5, 6

white = 7

green = 8

pink = 9

light blue = 10

$12 - 2$	$9 + 1$	$15 - 5$	$8 + 2$	$\begin{array}{r} 2 + 2 \\ + 6 \end{array}$	$11 - 1$	$7 + 3$	$13 - 3$	$6 + 4$	$\begin{array}{r} 1 + 1 \\ + 8 \end{array}$
$20 - 10$	$1 + 0$	$5 - 3$	$2 - 1$	$10 - 7$	$3 - 1$	$8 - 5$	$3 - 2$	$9 - 7$	$5 + 5$
$3 + 7$	$1 + 1$	$10 - 8$	$2 + 0$	$10 - 9$	$2 + 2$	$1 + 5$	$7 - 4$	$2 + 1$	$14 - 4$
$13 - 3$	$1 + 2$	$6 - 5$	$3 + 1$	$9 - 5$	$7 - 1$	$7 - 3$	$3 + 2$	$6 - 4$	$10 - 0$
$1 + 9$	$4 - 2$	$3 + 4$	$4 + 4$	$9 - 3$	$5 + 0$	$10 - 2$	$8 - 1$	$10 - 5$	$0 + 1$
$\begin{array}{r} 4 + 3 \\ + 3 \end{array}$	$5 - 1$	$3 + 3$	$4 + 1$	$0 + 4$	$8 - 3$	$5 + 1$	$1 + 3$	$9 - 4$	$3 + 0$
$18 - 8$	$8 - 2$	$2 + 2$	$6 + 0$	$\begin{array}{r} 3 + 3 \\ + 3 \end{array}$	$10 - 1$	$11 - 6$	$2 + 4$	$6 - 2$	$5 - 4$
$2 + 8$	$8 - 4$	$15 - 10$	$4 + 2$	$10 - 6$	$10 - 4$	$2 + 2$	$2 + 3$	$0 + 3$	$8 - 6$
$17 - 7$	$\begin{array}{r} 4 + 4 \\ + 2 \end{array}$	$1 + 4$	$3 + 1$	$1 + 5$	$4 + 0$	$16 - 10$	$7 - 5$	$6 - 3$	$7 - 6$
$15 - 5$	$\begin{array}{r} 3 + 3 \\ + 4 \end{array}$	$16 - 6$	$20 - 10$	$8 + 2$	$\begin{array}{r} 4 + 4 \\ + 2 \end{array}$	$9 + 1$	$8 - 7$	$10 + 0$	$4 + 6$

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orange = 1, 2, 3

skin tone = 4, 5, 6

white = 7

green = 8

pink = 9

light blue = 10

$12 - 2 = 10$	$9 + 1 = 10$	$15 - 5 = 10$	$8 + 2 = 10$	$2 + 2 + 6 = 10$	$11 - 1 = 10$	$7 + 3 = 10$	$13 - 3 = 10$	$6 + 4 = 10$	$1 + 1 + 8 = 10$
$20 - 10 = 10$	$1 + 0 = 1$	$5 - 3 = 2$	$2 - 1 = 1$	$10 - 7 = 3$	$3 - 1 = 2$	$8 - 5 = 3$	$3 - 2 = 1$	$9 - 7 = 2$	$5 + 5 = 10$
$3 + 7 = 10$	$1 + 1 = 2$	$10 - 8 = 2$	$2 + 0 = 2$	$10 - 9 = 1$	$2 + 2 = 4$	$1 + 5 = 6$	$7 - 4 = 3$	$2 + 1 = 3$	$14 - 4 = 10$
$13 - 3 = 10$	$1 + 2 = 3$	$6 - 5 = 2$	$3 + 1 = 4$	$9 - 5 = 4$	$7 - 1 = 6$	$7 - 3 = 4$	$3 + 2 = 5$	$6 - 4 = 2$	$10 - 0 = 10$
$1 + 9 = 10$	$4 - 2 = 2$	$3 + 4 = 7$	$4 + 4 = 8$	$9 - 3 = 6$	$5 + 0 = 5$	$10 - 2 = 8$	$8 - 1 = 7$	$10 - 5 = 5$	$0 + 1 = 1$
$4 + 3 + 3 = 10$	$5 - 1 = 4$	$3 + 3 = 6$	$4 + 1 = 5$	$0 + 4 = 4$	$8 - 3 = 5$	$5 + 1 = 6$	$1 + 3 = 4$	$9 - 4 = 5$	$3 + 0 = 3$
$18 - 8 = 10$	$8 - 2 = 4$	$2 + 2 = 4$	$6 + 0 = 6$	$3 + 3 + 3 = 9$	$10 - 1 = 9$	$11 - 6 = 5$	$2 + 4 = 6$	$6 - 2 = 4$	$5 - 4 = 1$
$2 + 8 = 10$	$8 - 4 = 4$	$15 - 10 = 5$	$4 + 2 = 6$	$10 - 6 = 4$	$10 - 4 = 6$	$2 + 2 = 4$	$2 + 3 = 5$	$0 + 3 = 3$	$8 - 6 = 2$
$17 - 7 = 10$	$4 + 4 + 2 = 10$	$1 + 4 = 5$	$3 + 1 = 4$	$1 + 5 = 6$	$4 + 0 = 4$	$16 - 10 = 6$	$7 - 5 = 2$	$6 - 3 = 3$	$7 - 6 = 1$
$15 - 5 = 10$	$3 + 3 + 4 = 10$	$16 - 6 = 10$	$20 - 10 = 10$	$8 + 2 = 10$	$4 + 4 + 2 = 10$	$9 + 1 = 10$	$8 - 7 = 1$	$10 + 0 = 10$	$4 + 6 = 1$

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Solve the calculation to reveal a hidden picture. Each answer has a special colour:

white = 1, 2, 3, 4

grey = 5, 6, 7, 8

blue = 9, 10, 11, 12

black = 13, 14, 15, 16

brown = 17, 18, 19, 20

$10 - 9$	$2 + 3$	$8 + 0$	$16 - 10$	$2 + 2$	$0 + 2$	$20 - 13$	$9 - 1$	$20 - 15$	$10 - 8$
$20 - 17$	$10 - 5$	$6 - 1$	$15 - 7$	$20 - 18$	$4 + 0$	$19 - 11$	$20 - 12$	$8 - 1$	$20 - 16$
$2 + 1$	$7 - 1$	$10 - 2$	$3 + 2$	$12 - 4$	$10 - 3$	$18 - 10$	$4 + 1$	$0 + 7$	$3 + 0$
$8 - 4$	$4 + 3$	$10 - 6$	$20 - 19$	$9 - 1$	$20 - 14$	$5 - 3$	$3 + 1$	$4 + 4$	$19 - 15$
$9 - 8$	$19 - 16$	$10 - 1$	$20 - 8$	$10 + 7$	$13 + 7$	$9 + 3$	$13 - 2$	$12 - 8$	$15 - 14$
$0 + 3$	$1 + 2$	$4 + 4$ $+ 4$	$10 + 1$	$21 - 1$	$20 - 2$	$3 + 3$ $+ 3$	$20 - 10$	$12 - 10$	$15 - 11$
$18 - 16$	$20 - 1$	$10 + 8$	$20 - 15$	$10 + 3$	$15 - 2$	$20 - 12$	$25 - 5$	$18 - 1$	$18 - 15$
$1 + 3$	$20 - 3$	$14 + 3$	$2 + 6$	$7 + 8$	$20 - 5$	$16 - 8$	$10 +$ 10	$9 + 11$	$1 + 1$
$1 - 0$	$11 + 8$	$19 - 1$	$12 - 5$	$14 - 7$	$3 + 3$ $+ 2$	$14 - 6$	$9 + 9$	$7 + 10$	$9 - 5$
$15 - 12$	$15 + 2$	$10 + 9$	$20 - 4$	$10 + 5$	$17 - 4$	$8 + 8$	$17 + 1$	$12 + 8$	$15 - 13$

KS1 Block Adventurer Mixed Calculation Mosaic **Answers**

Solve the calculation to reveal a hidden picture. Each answer has a special colour:

white = 1, 2, 3, 4

grey = 5, 6, 7, 8

blue = 9, 10, 11, 12

black = 13, 14, 15, 16

brown = 17, 18, 19, 20

$10 - 9 = 1$	$2 + 3 = 5$	$8 + 0 = 8$	$16 - 10 = 6$	$2 + 2 = 4$	$0 + 2 = 2$	$20 - 13 = 7$	$9 - 1 = 8$	$20 - 15 = 5$	$10 - 8 = 2$
$20 - 17 = 3$	$10 - 5 = 5$	$6 - 1 = 5$	$15 - 7 = 8$	$20 - 18 = 2$	$4 + 0 = 4$	$19 - 11 = 8$	$20 - 12 = 8$	$8 - 1 = 7$	$20 - 16 = 4$
$2 + 1 = 3$	$7 - 1 = 8$	$10 - 2 = 8$	$3 + 2 = 5$	$12 - 4 = 8$	$10 - 3 = 7$	$18 - 10 = 8$	$4 + 1 = 5$	$0 + 7 = 7$	$3 + 0 = 3$
$8 - 4 = 4$	$4 + 3 = 7$	$10 - 6 = 4$	$20 - 19 = 18$	$9 - 1 = 8$	$20 - 14 = 6$	$5 - 3 = 2$	$3 + 1 = 4$	$4 + 4 = 8$	$19 - 15 = 4$
$9 - 8 = 1$	$19 - 16 = 3$	$10 - 1 = 9$	$20 - 8 = 12$	$10 + 7 = 17$	$13 + 7 = 20$	$9 + 3 = 12$	$13 - 2 = 11$	$12 - 8 = 4$	$15 - 14 = 1$
$0 + 3 = 3$	$1 + 2 = 3$	$4 + 4 + 4 = 12$	$10 + 1 = 11$	$21 - 1 = 20$	$20 - 2 = 18$	$3 + 3 + 3 = 9$	$20 - 10 = 10$	$12 - 10 = 2$	$15 - 11 = 4$
$18 - 16 = 2$	$20 - 1 = 19$	$10 + 8 = 18$	$20 - 15 = 5$	$10 + 3 = 7$	$15 - 2 = 13$	$20 - 12 = 8$	$25 - 5 = 20$	$18 - 1 = 17$	$18 - 15 = 3$
$1 + 3 = 4$	$20 - 3 = 17$	$14 + 3 = 17$	$2 + 6 = 8$	$7 + 8 = 15$	$20 - 5 = 15$	$16 - 8 = 8$	$10 + 10 = 20$	$9 + 11 = 20$	$1 + 1 = 2$
$1 - 0 = 1$	$11 + 8 = 19$	$19 - 1 = 18$	$12 - 5 = 7$	$14 - 7 = 7$	$3 + 3 + 2 = 8$	$14 - 6 = 8$	$9 + 9 = 18$	$7 + 10 = 17$	$9 - 5 = 4$
$15 - 12 = 3$	$15 + 2 = 17$	$10 + 9 = 19$	$20 - 4 = 16$	$10 + 5 = 15$	$17 - 4 = 13$	$8 + 8 = 16$	$17 + 1 = 18$	$12 + 8 = 20$	$15 - 13 = 2$

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Solve the calculation to reveal a hidden picture. Each answer has a special colour:

grey = 0-9

red = 10-19

black = 20-39

dark green = 40-59

light green = 60-79

white = 80-100

$70 + 10$	$90 + 8$	$80 + 11$	$90 - 10$	$80 + 6$	$100 - 8$	$70 + 10$	$80 + 18$	$90 + 10$	$80 + 5$
$80 + 20$	$10 - 5$	$20 + 20$	$30 + 15$	$50 + 5$	$30 + 10$	$60 - 1$	$40 + 9$	$20 - 12$	$90 - 10$
$70 + 15$	$70 - 13$	$20 + 20 + 20$	$50 + 25$	$80 - 1$	$80 - 5$	$55 + 10$	$90 - 15$	$40 + 10$	$100 - 9$
$90 - 10$	$30 + 11$	$10 + 10$	$40 - 1$	$30 + 30$	$70 + 8$	$20 + 6$	$15 + 5$	$70 - 15$	$80 + 20$
$100 - 5$	$40 + 15$	$30 - 10$	$5 + 5$	$64 + 4$	$60 + 10$	$20 - 9$	$30 - 1$	$20 + 20$	$99 + 1$
$80 + 1$	$40 + 5$	$65 + 10$	$100 - 25$	$40 - 15$	$50 - 30$	$50 + 10$	$30 + 30$	$30 + 16$	$70 + 10$
$70 + 10$	$20 + 20$	$80 - 10$	$21 + 10$	$30 + 8$	$15 + 15$	$10 + 10$	$60 + 12$	$40 + 18$	$90 + 5$
$90 + 2$	$30 + 12$	$30 + 30$	$25 + 10$	$20 + 15$	$50 - 20$	$20 + 12$	$50 + 10$	$30 + 10$	$70 + 18$
$90 + 10$	$0 + 8$	$60 - 12$	$18 + 2$	$40 + 5$	$60 - 15$	$20 + 16$	$20 + 20$	$3 + 3 + 3$	$90 - 10$
$80 + 8$	$80 + 12$	$80 + 20$	$100 - 6$	$70 + 10$	$90 + 7$	$70 + 14$	$90 + 10$	$80 + 15$	$80 + 4$

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Solve the calculation to reveal a hidden picture. Each answer has a special colour:

grey = 0-9	red = 10-19	black = 20-39
dark green = 40-59	light green = 60-79	white = 80-100

$70 + 10 = 80$	$90 + 8 = 98$	$80 + 11 = 91$	$90 - 10 = 80$	$80 + 6 = 86$	$100 - 8 = 92$	$70 + 10 = 80$	$80 + 18 = 98$	$90 + 10 = 100$	$80 + 5 = 85$
$80 + 20 = 100$	$10 - 5 = 5$	$20 + 20 = 40$	$30 + 15 = 45$	$50 + 5 = 55$	$30 + 10 = 40$	$60 - 1 = 59$	$40 + 9 = 49$	$20 - 12 = 8$	$90 - 10 = 80$
$70 + 15 = 85$	$70 - 13 = 57$	$20 + 20 + 20 = 60$	$50 + 25 = 75$	$80 - 1 = 79$	$80 - 5 = 75$	$55 + 10 = 65$	$90 - 15 = 75$	$40 + 10 = 50$	$100 - 9 = 81$
$90 - 10 = 80$	$30 + 11 = 41$	$10 + 10 = 20$	$40 - 1 = 39$	$30 + 30 = 60$	$70 + 8 = 78$	$20 + 6 = 26$	$15 + 5 = 20$	$70 - 15 = 55$	$80 + 20 = 100$
$100 - 5 = 95$	$40 + 15 = 55$	$30 - 10 = 20$	$5 + 5 = 10$	$64 + 4 = 68$	$60 + 10 = 70$	$20 - 9 = 18$	$30 - 1 = 29$	$20 + 20 = 40$	$99 + 1 = 100$
$80 + 1 = 81$	$40 + 5 = 45$	$65 + 10 = 75$	$100 - 25 = 75$	$40 - 15 = 25$	$50 - 30 = 20$	$50 + 10 = 60$	$30 + 30 = 60$	$30 + 16 = 46$	$70 + 10 = 70$
$70 + 10 = 70$	$20 + 20 = 40$	$80 - 10 = 70$	$21 + 10 = 31$	$30 + 8 = 38$	$15 + 15 = 30$	$10 + 10 = 20$	$60 + 12 = 72$	$40 + 18 = 58$	$90 + 5 = 95$
$90 + 2 = 92$	$30 + 12 = 42$	$30 + 30 = 60$	$25 + 10 = 35$	$20 + 15 = 35$	$50 - 20 = 30$	$20 + 12 = 32$	$50 + 10 = 60$	$30 + 10 = 40$	$70 + 18 = 88$
$90 + 10 = 100$	$0 + 8 = 8$	$60 - 12 = 48$	$18 + 2 = 20$	$40 + 5 = 45$	$60 - 15 = 45$	$20 + 16 = 36$	$20 + 20 = 40$	$3 + 3 + 3 = 9$	$90 - 10 = 80$
$80 + 8 = 88$	$80 + 12 = 92$	$80 + 20 = 100$	$100 - 6 = 94$	$70 + 10 = 80$	$90 + 7 = 97$	$70 + 14 = 84$	$90 + 10 = 100$	$80 + 15 = 95$	$80 + 4 = 84$

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Solve the calculation to reveal a hidden picture. Each answer has a special colour:

blue = 0-19

brown = 20-39

white = 40-59

brown = 60-79

skin tone = 80-100

$50 + 9$	$100 - 50$	$50 - 10$	$50 + 6$	$40 + 8$	$20 + 20$	$49 - 5$	$20 + 21$	$60 - 12$	$40 + 10$
$40 + 4$	$30 + 30$	$60 + 5$	$100 - 30$	$50 + 20$	$68 - 0$	$59 + 1$	$80 - 7$	$20 + 40$	$50 - 6$
$55 + 4$	$75 - 10$	$50 + 18$	$10 + 50$	$90 - 30$	$80 - 10$	$20 + 20 + 20$	$70 + 5$	$50 + 12$	$30 + 10$
$30 + 10$	$70 - 10$	$100 - 20$	$79 + 1$	$87 + 3$	$100 - 0$	$60 + 40$	$50 + 50$	$40 + 20$	$48 + 4$
$80 - 40$	$85 + 10$	$25 + 25$	$20 - 1$	$70 + 10$	$76 + 4$	$20 - 5$	$50 - 10$	$100 - 20$	$40 + 15$
$30 + 10$	$99 + 1$	$70 + 15$	$89 + 1$	$10 + 10$	$30 - 10$	$100 - 10$	$50 + 40$	$80 + 15$	$41 + 5$
$100 - 60$	$40 - 20$	$100 - 15$	$80 - 1$	$90 - 1$	$100 - 20$	$80 - 20$	$60 + 20$	$20 + 9$	$60 - 7$
$60 - 1$	$40 - 1$	$90 + 10$	$60 + 13$	$85 - 10$	$80 - 4$	$79 - 0$	$101 - 1$	$15 + 15$	$40 + 5$
$51 + 6$	$38 + 1$	$10 + 10 + 10$	$20 + 10$	$32 + 2$	$30 + 5$	$50 - 20$	$20 + 15$	$30 + 8$	$52 + 6$
$60 - 1$	$50 + 8$	$20 + 20$	$49 + 10$	$41 - 1$	$20 + 10 + 10$	$58 + 1$	$40 + 19$	$65 - 10$	$42 + 8$

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blue = 0-19

brown = 20-39

white = 40-59

brown = 60-79

skin tone = 80-100

$50 + 9 = 59$	$100 - 50 = 50$	$50 - 10 = 40$	$50 + 6 = 56$	$40 + 8 = 48$	$20 + 20 = 40$	$49 - 5 = 44$	$20 + 21 = 41$	$60 - 12 = 48$	$40 + 10 = 50$
$40 + 4 = 44$	$30 + 30 = 60$	$60 + 5 = 65$	$100 - 30 = 70$	$50 + 20 = 70$	$68 - 0 = 68$	$59 + 1 = 60$	$80 - 7 = 73$	$20 + 40 = 60$	$50 - 6 = 44$
$55 + 4 = 59$	$75 - 10 = 65$	$50 + 18 = 68$	$10 + 50 = 60$	$90 - 30 = 60$	$80 - 10 = 70$	$20 + 20 + 20 = 60$	$70 + 5 = 75$	$50 + 12 = 62$	$30 + 10 = 40$
$30 + 10 = 40$	$70 - 10 = 60$	$100 - 20 = 80$	$79 + 1 = 80$	$87 + 3 = 90$	$100 - 0 = 100$	$60 + 40 = 100$	$50 + 50 = 100$	$40 + 20 = 60$	$48 + 4 = 52$
$80 - 40 = 40$	$85 + 10 = 95$	$25 + 25 = 50$	$20 - 1 = 19$	$70 + 10 = 80$	$76 + 4 = 80$	$20 - 5 = 15$	$50 - 10 = 60$	$100 - 20 = 80$	$40 + 15 = 55$
$30 + 10 = 40$	$99 + 1 = 100$	$70 + 15 = 85$	$89 + 1 = 90$	$10 + 10 = 20$	$30 - 10 = 20$	$100 - 10 = 90$	$50 + 40 = 90$	$80 + 15 = 95$	$41 + 5 = 46$
$100 - 60 = 40$	$40 - 20 = 20$	$100 - 15 = 85$	$80 - 1 = 79$	$90 - 1 = 89$	$100 - 20 = 80$	$80 - 20 = 60$	$60 + 20 = 80$	$20 + 9 = 29$	$60 - 7 = 53$
$60 - 1 = 59$	$40 - 1 = 39$	$90 + 10 = 100$	$60 + 13 = 73$	$85 - 10 = 75$	$80 - 4 = 76$	$79 - 0 = 79$	$101 - 1 = 100$	$15 + 15 = 30$	$40 + 5 = 45$
$51 + 6 = 57$	$38 + 1 = 39$	$10 + 10 + 10 = 30$	$20 + 10 = 30$	$32 + 2 = 34$	$30 + 5 = 35$	$50 - 20 = 30$	$20 + 15 = 35$	$30 + 8 = 38$	$52 + 6 = 58$
$60 - 1 = 59$	$50 + 8 = 58$	$20 + 20 = 40$	$49 + 10 = 59$	$41 - 1 = 40$	$20 + 10 + 10 = 40$	$58 + 1 = 59$	$40 + 19 = 59$	$65 - 10 = 75$	$42 + 8 = 50$