

Christmas Maths Mosaic

Mixed Operations

Solve the maths problems to reveal the hidden picture. Use BODMAS to help. Some answers have a special colour, shown below. Leave the other answers white.

52 = red

48 = brown

25 = light brown

99 = black

$7 \times 4 + 50$	$120 - 48$	$123 - 45 + 3$	$10 \times 4 \div 2$	$2 \times 3 + 26$	$6 + 17 + 2$	$48 - 12 + 30$	$4 \times 4 - 12$	5×5
$120 \div 12 + 16$	$6 \times 8 + 2$	$12 + 32 + 16$	$9 \times 8 + 2$	9×4	$60 \div 5$	$100 - 75$	$12 \times 6 + 5 - 3$	$100 \div 4$
$500 - 125$	$15 \times 2 + 4$	$12 + 62$	$9 \times 3 - 4$	$(2 + 3) \times (6 + 2)$	$8 \times 5 - 17$	$27 \div 3 + 9$	$(32 + 8) - 15$	$6 \times 4 + 1$
$108 - 50$	11×8	$12 \times 2 - 21$	$30 \div 5 + 6$	$53 + 12 - 8$	$84 \div 2 + 6$	$8 \times 5 + 8$	12×4	$12 + 57 + 2$
$12 \div 3 + 9$	$10 \times 8 + 15$	$84 \div 12$	$6 \times 8 + 15$	$39 + 9$	$6 \times 4 \times 2$	$200 - 152$	$98 - 50$	$4 \times 10 + 8$
$7 \times 4 - 19$	$90 - 47 + 2$	12×3	$56 - 4 \times 2$	$6 + 12 + 9 + 21$	$200 - 75$	$5 + 9 + 7 + 3$	$8 \times 8 - 16$	$348 - 300$
$8 \times 4 - 14$	$50 \div 10 + 22$	$84 - 36$	$4 \times 7 + 20$	$12 \times 2 \times 2$	11×9	34×2	$90 \div 2 + 3$	$3 \times 4 \times 4$
$24 \div 2 + 9$	$64 - 12$	$(6 + 2) \times 6$	$12 \times 3 + 12$	$100 \div 2 - 2$	$19 + 20 + 9$	$10 \times 6 - 12$	$27 + 11 + 10$	$8 \times 4 + 16$
$5 \times 10 + 2$	26×2	$37 + 11$	$9 \times 5 + 3$	$6 \times 4 \times 2$	$11 \times 4 + 2 + 2$	24×2	$16 \div 2 + 40$	$95 - 48$
$48 - 36$	$12 \times 3 + 6$	$10 \times 5 + 15$	$8 + 11 + 24$	$10 \times 5 - 2$	$100 - 50 - 2$	$28 + 12 + 8$	$3 \times 6 + 30$	$100 - 23$

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$120 \div 12 + 16$	$6 \times 8 + 2$	$12 + 32 + 16$	$9 \times 8 + 2$	9×4	$60 \div 5$	100-75	$12 \times 6 + 5 - 3$	$100 \div 4$
$500 - 125$	$15 \times 2 + 4$	$12 + 62$	$9 \times 3 - 4$	$(2 + 3) \times (6 + 2)$	$8 \times 5 - 17$	$27 \div 3 + 9$	$(32 + 8) - 15$	$6 \times 4 + 1$
$108 - 50$	11×8	$12 \times 2 - 21$	$30 \div 5 + 6$	$53 + 12 - 8$	$84 \div 2 + 6$	$8 \times 5 + 8$	12×4	$12 + 57 + 2$
$12 \div 3 + 9$	$10 \times 8 + 15$	$84 \div 12$	$6 \times 8 + 15$	$39 + 9$	$6 \times 4 \times 2$	$200 - 152$	$98 - 50$	$4 \times 10 + 8$
$7 \times 4 - 19$	$90 - 47 + 2$	12×3	$56 - 4 \times 2$	$6 + 12 + 9 + 21$	200-75	$5 + 9 + 7 + 3$	$8 \times 8 - 16$	$348 - 300$
$8 \times 4 - 14$	$50 \div 10 + 22$	$84 - 36$	$4 \times 7 + 20$	$12 \times 2 \times 2$	11×9	34×2	$90 \div 2 + 3$	$3 \times 4 \times 4$
$24 \div 2 + 9$	64-12	$(6 + 2) \times 6$	$12 \times 3 + 12$	$100 \div 2 - 2$	$19 + 20 + 9$	$10 \times 6 - 12$	$27 + 11 + 10$	$8 \times 4 + 16$
$5 \times 10 + 2$	26×2	$37 + 11$	$9 \times 5 + 3$	$6 \times 4 \times 2$	$11 \times 4 + 2 + 2$	24×2	$16 \div 2 + 40$	$95 - 48$
$48 - 36$	$12 \times 3 + 6$	$10 \times 5 + 15$	$8 + 11 + 24$	$10 \times 5 - 2$	$100 - 50 - 2$	$28 + 12 + 8$	$3 \times 6 + 30$	$100 - 23$

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64 = blue

55 = black

113 = orange

96 = green

$6 \times 4 + 40$	$6 \times 12 - 8$	$156 - 92$	$12 \times 4 + 7$	$5 \times 7 + 20$	$110 \div 2$	$200 - 145$	4^3	$(6 + 2) \times 8$
$6 \times 11 - 2$	$7 \times 9 + 1$	$(74 + 54) \div 2$	12×8	$200 - 104$	$43 + 32 + 21$	$30 \div 5 + 90$	$24 + 97 - 57$	$256 \div 4$
$4 \times 8 \times 2$	$24 + 45 - 5$	$7 \times 8 - 1$	$\frac{11000}{\div 200}$	11×5	$10 \times 10 - 45$	$13 + 25 + 17$	$134 - 79$	$12 \times 7 - 20$
$(12 + 4) \times 4$	$6 \times 8 + 4^2$	$148 - 84$	$6 \times 4 + 45$	$(9 + 4) \times 10$	$92 - (10 \times 5)$	$15 \div 5 + 18$	8^2	$12 \times 8 - 4 \times 8$
$116 - 52$	$12 \times 9 - 44$	$10 \times 4 \div 2$	$220 \div 4$	$15 \div 3 - 2$	$5 \times 2 \times 5$	$10 \times 5 + 5$	$23 + 94 + 12$	$16 \times (17 - 13)$
$65 + 24 - 25$	$3 \times 4 + 101$	$\frac{113000}{\div 1000}$	$11^2 - 8$	$226 \div 2$	$8 \times 5 - 17$	$9 \times 4 + 43$	$6 \times 8 + 19$	$11 \times 5 + 9$
4^3	$40 \div 5 \times 8$	$102 - 22$	$11 \times 8 - 33$	$84 + 12 + 3$	$300 - 184$	$11 \times 10 \div 2$	$4^2 - 12$	$6 \times 12 - 8$
$128 \div 2$	$320 \div 5$	$12 + 62$	$28 \div 2 + 6$	$150 \div 3 + 5$	$7^2 + 6$	$12 \times 11 - 23$	$100 - 72$	$\frac{12465 - 12401}{}$
$11 \times 6 - 2$	$21 + 18 + 25$	$100 - 36$	34×2	$4 \times 3 \times 2$	$25 + 84 + 3$	$12 + 12 - 3$	$200 - 136$	$\frac{128000}{\div 2000}$
$5 \times 2 \times 3 + 34$	$9 \times 7 + 1$	$452 - 123$	$5 \times 8 \times 2$	$(50 - 34) \div 2$	20×4	$123 - 54$	$123 - 45 + 3$	8^2

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$6 \times 4 + 40$	$6 \times 12 - 8$	$156 - 92$	$12 \times 4 + 7$	$5 \times 7 + 20$	$110 \div 2$	$200 - 145$	4^3	$(6 + 2) \times 8$
$6 \times 11 - 2$	$7 \times 9 + 1$	$(74 + 54) \div 2$	12 × 8	200 - 104	43 + 32 + 21	30 ÷ 5 + 90	$24 + 97 - 57$	$256 \div 4$
$4 \times 8 \times 2$	$24 + 45 - 5$	$7 \times 8 - 1$	$\frac{11000}{\div 200}$	11×5	$10 \times 10 - 45$	$13 + 25 + 17$	$134 - 79$	$12 \times 7 - 20$
$(12 + 4) \times 4$	$6 \times 8 + 4^2$	$148 - 84$	$6 \times 4 + 45$	$(9 + 4) \times 10$	$92 - (10 \times 5)$	$15 \div 5 + 18$	8^2	$12 \times 8 - 4 \times 8$
$116 - 52$	$12 \times 9 - 44$	$10 \times 4 \div 2$	$220 \div 4$	$15 \div 3 - 2$	$5 \times 2 \times 5$	$10 \times 5 + 5$	$23 + 94 + 12$	$16 \times (17 - 13)$
$65 + 24 - 25$	$3 \times 4 + 101$	$\frac{113000}{\div 1000}$	$11^2 - 8$	$226 \div 2$	$8 \times 5 - 17$	$9 \times 4 + 43$	$6 \times 8 + 19$	$11 \times 5 + 9$
4^3	$40 \div 5 \times 8$	$102 - 22$	$11 \times 8 - 33$	$84 + 12 + 3$	$300 - 184$	$(11 \times 10) \div 2$	$4^2 - 12$	$6 \times 12 - 8$
$128 \div 2$	$320 \div 5$	$12 + 62$	$28 \div 2 + 6$	$150 \div 3 + 5$	$7^2 + 6$	$12 \times 11 - 23$	$100 - 72$	$\frac{12465 - 12401}{\div 2000}$
$11 \times 6 - 2$	$21 + 18 + 25$	$100 - 36$	34×2	$4 \times 3 \times 2$	$25 + 84 + 3$	$12 + 12 - 3$	$200 - 136$	$\frac{128000}{\div 2000}$
$5 \times 2 \times 3 + 34$	$9 \times 7 + 1$	$452 - 123$	$5 \times 8 \times 2$	$(50 - 34) \div 2$	20×4	$123 - 54$	$123 - 45 + 3$	8^2

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$12+7\times3$	$15\div5\times12$	$72\div6+12$	10^2-91	$70-50\div2$	$(6+6)\times(3+2)$	$(73-62)\times3$	$52+17+8+31$	$72-7\times6$
$6^2\div2$	$9\times6+125$	$123-41+50$	$(7+1)\times4+93$	5^3	5^2+10^2	$76-23$	$45+2+71+3$	$3\times8\times10$
$500\div2+36$	$20+56\div7$	$31+6\times12$	$132\div12+5$	$12\times10+9-4$	$6\times6+89$	$90\times2+48$	$2\times4\times6$	$72\div8+19$
$12+62+84+75$	$130-56\div8$	$104+7\times3$	$10\times15-5^2$	$56\div7\times2$	$24-2^3$	$(12\times5)\div10+10$	$5\times2\times(45+45)$	$12800\div200$
10×7^2	$123-86$	$100+5^2$	$126-3\div3$	$9\times2+107$	$132-42\div6$	$100+100\div4$	$94-4\times3\times2$	$(13-2)\times(4+3)$
$22+3\times4\times2$	$287-125-37$	$1\times2\times3\times4\times5+5$	$24+63+45-7$	7^2+76	$35+150-60$	$4\times9-4\times5$	$12\times(6+3)+17$	$50+3\times7$
$144\div12+6$	6^3-91	$280\div2-15$	$86+39$	$(81-79)\times8$	$8\times7-8\times5$	$500-423+48$	$6\times7\times3-1$	$5\times2\times3+4$
5^3	11^2+4	$144\div12+4$	$(300-140)\div10$	$200-75$	$9\times7+100-38$	12^2-19	$12500\div10^2$	$(7+3)\times12+5$
$=(8\times4)\div2$	$9\times7-47$	5^2+10^2	$25\times10\div2$	$500\div4$	$9\times6+42+29$	$(18+7)\times5$	$(9+2)\times10+15$	$9\times2+110-3$
$100-4\times5$	5×8	$542-78$	9×8	$(8+4)\times7-12$	$288\div4$	$123-54$	$28\div4+100$	25×4

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$12+7\times3$	$15\div5\times12$	$72\div6+12$	10^2-91	70-50÷2	$(6+6)\times(3+2)$	$(73-62)\times3$	$52+17+8+31$	$72-7\times6$
$6^2\div2$	$9\times6+125$	$123-41+50$	$(7+1)\times4+93$	5^3	5^2+10^2	$76-23$	$45+2+71+3$	$3\times8\times10$
$500\div2+36$	$20+56\div7$	$31+6\times12$	$132\div12+5$	$12\times10+9-4$	$6\times6+89$	$90\times2+48$	$2\times4\times6$	$72\div8+19$
$12+62+84+75$	$130-56\div8$	$104+7\times3$	$10\times15-5^2$	$56\div7\times2$	$24-2^3$	$(12\times5)\div10+10$	$5\times2\times(45+45)$	$12800\div200$
10×7^2	$123-86$	$100+5^2$	$126-3\div3$	$9\times2+107$	$132-42\div6$	$100+100\div4$	$94-4\times3\times2$	$(13-2)\times(4+3)$
$22+3\times4\times2$	$287-125-37$	$1\times2\times3\times4\times5+5$	$24+63+45-7$	7^2+76	$35+150-60$	$4\times9-4\times5$	$12\times(6+3)+17$	$50+3\times7$
$144\div12+6$	6^3-91	$280\div2-15$	$86+39$	$(81-79)\times8$	$8\times7-8\times5$	$500-423+48$	$6\times7\times3-1$	$5\times2\times3+4$
5^3	11^2+4	$144\div12+4$	$(300-140)\div10$	$200-75$	$9\times7+100-38$	12^2-19	$12500\div10^2$	$(7+3)\times12+5$
$=(8\times4)\div2$	$9\times7-47$	5^2+10^2	$25\times10\div2$	$500\div4$	$9\times6+42+29$	$(18+7)\times5$	$(9+2)\times10+15$	$9\times2+110-3$
$100-4\times5$	5×8	$542-78$	9×8	$(8+4)\times7-12$	$288\div4$	$123-54$	$28\div4+100$	25×4