

Prime Factorizations of Numbers Between 1 and 100  
Jefferson Davis Learning Center  
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1	$34 = 2 \cdot 17$	$68 = 2 \cdot 2 \cdot 17$
$2 = \text{prime}$	$35 = 5 \cdot 7$	$69 = 3 \cdot 23$
$3 = \text{prime}$	$36 = 2 \cdot 2 \cdot 3 \cdot 3$	$70 = 2 \cdot 5 \cdot 7$
$4 = 2 \cdot 2$	$37 = \text{prime}$	$71 = \text{prime}$
$5 = \text{prime}$	$38 = 2 \cdot 19$	$72 = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3$
$6 = 2 \cdot 3$	$39 = 3 \cdot 13$	$73 = \text{prime}$
$7 = \text{prime}$	$40 = 2 \cdot 2 \cdot 2 \cdot 5$	$74 = 2 \cdot 37$
$8 = 2 \cdot 2 \cdot 2$	$41 = \text{prime}$	$75 = 3 \cdot 5 \cdot 5$
$9 = 3 \cdot 3$	$42 = 2 \cdot 3 \cdot 7$	$76 = 2 \cdot 2 \cdot 19$
$10 = 2 \cdot 5$	$43 = \text{prime}$	$77 = 7 \cdot 11$
$11 = \text{prime}$	$44 = 2 \cdot 2 \cdot 11$	$78 = 2 \cdot 3 \cdot 13$
$12 = 2 \cdot 2 \cdot 3$	$45 = 3 \cdot 3 \cdot 5$	$79 = \text{prime}$
$13 = \text{prime}$	$46 = 2 \cdot 23$	$80 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5$
$14 = 2 \cdot 7$	$47 = \text{prime}$	$81 = 3 \cdot 3 \cdot 3 \cdot 3$
$15 = 3 \cdot 5$	$48 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$	$82 = 2 \cdot 41$
$16 = 2 \cdot 2 \cdot 2 \cdot 2$	$49 = 7 \cdot 7$	$83 = \text{prime}$
$17 = \text{prime}$	$50 = 2 \cdot 5 \cdot 5$	$84 = 2 \cdot 2 \cdot 3 \cdot 7$
$18 = 2 \cdot 3 \cdot 3$	$51 = 3 \cdot 17$	$85 = 5 \cdot 17$
$19 = \text{prime}$	$52 = 2 \cdot 2 \cdot 13$	$86 = 2 \cdot 43$
$20 = 2 \cdot 2 \cdot 5$	$53 = \text{prime}$	$87 = 3 \cdot 29$
$21 = 3 \cdot 7$	$54 = 2 \cdot 3 \cdot 3 \cdot 3$	$88 = 2 \cdot 2 \cdot 2 \cdot 11$
$22 = 2 \cdot 11$	$55 = 5 \cdot 11$	$89 = \text{prime}$
$23 = \text{prime}$	$56 = 2 \cdot 2 \cdot 2 \cdot 7$	$90 = 2 \cdot 3 \cdot 3 \cdot 5$
$24 = 2 \cdot 2 \cdot 2 \cdot 3$	$57 = 3 \cdot 19$	$91 = 7 \cdot 13$
$25 = 5 \cdot 5$	$58 = 2 \cdot 29$	$92 = 2 \cdot 2 \cdot 23$
$26 = 2 \cdot 13$	$59 = \text{prime}$	$93 = 3 \cdot 31$
$27 = 3 \cdot 3 \cdot 3$	$60 = 2 \cdot 2 \cdot 3 \cdot 5$	$94 = 2 \cdot 47$
$28 = 2 \cdot 2 \cdot 7$	$61 = \text{prime}$	$95 = 5 \cdot 19$
$29 = \text{prime}$	$62 = 2 \cdot 31$	$96 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3$
$30 = 2 \cdot 3 \cdot 5$	$63 = 3 \cdot 3 \cdot 7$	$97 = \text{prime}$
$31 = \text{prime}$	$64 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$	$98 = 2 \cdot 7 \cdot 7$
$32 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$	$65 = 5 \cdot 13$	$99 = 3 \cdot 3 \cdot 11$
$33 = 3 \cdot 11$	$66 = 2 \cdot 3 \cdot 11$	$100 = 2 \cdot 2 \cdot 5 \cdot 5$
	$67 = \text{prime}$	