

ユークリッドの互除法を使う約分

2007年7月31日 氏家 悟
柏陵高校 学校公開日

(1) $\frac{2}{6}$

(11) $\frac{360}{378}$

(2) $\frac{15}{5}$

(12) $\frac{108}{252}$

(3) $\frac{18}{15}$

(13) $\frac{720}{324}$

(4) $\frac{16}{12}$

(14) $\frac{84}{294}$

(5) $\frac{24}{30}$

(15) $\frac{308}{364}$

(6) $\frac{18}{14}$

(16) $\frac{26}{39}$

(7) $\frac{22}{12}$

(17) $\frac{65}{78}$

(8) $\frac{38}{16}$

(18) $\frac{66}{78}$

(9) $\frac{24}{42}$

(19) $\frac{85}{102}$

(10) $\frac{72}{48}$

(20) $\frac{154}{182}$

$$(21) \frac{162}{144}$$

$$(31) \frac{294}{462}$$

$$(22) \frac{132}{252}$$

$$(32) \frac{297}{117}$$

$$(23) \frac{84}{198}$$

$$(33) \frac{594}{351}$$

$$(24) \frac{264}{234}$$

$$(34) \frac{198}{693}$$

$$(25) \frac{378}{336}$$

$$(35) \frac{273}{231}$$

$$(26) \frac{168}{504}$$

$$(36) \frac{455}{364}$$

$$(27) \frac{264}{216}$$

$$(37) \frac{429}{572}$$

$$(28) \frac{648}{432}$$

$$(38) \frac{77}{91}$$

$$(29) \frac{396}{468}$$

$$(39) \frac{91}{143}$$

$$(30) \frac{204}{156}$$

$$(40) \frac{637}{539}$$

$$(41) \frac{4301}{3553}$$

$$(42) \frac{5083}{4199}$$

$$(43) \frac{5491}{6647}$$

$$(44) \frac{11033}{17051}$$

$$(45) \frac{47141}{19411}$$

$$(46) \frac{107113}{115197}$$

$$(47) \frac{5580853}{5585687}$$

$\frac{49461452598938785494314994799599149312722195048706571288833609737846761389207}{51563219734746742542718349822659719885743944234989846041303683354097028855491}$
= $\frac{268803080217015586760804524423491087479}{280225338365903733999847582749814689827}$
(184006271650631966286938034234608785633 で割れる)