

Вариант 1.

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|---------------------------------------|--|--|
| 1. $\sin \frac{3\pi}{4}$ | 4. $\sin \frac{3\pi}{4} \cdot \cos \frac{5\pi}{6}$ | 7. $\operatorname{ctg} \frac{4\pi}{3} \cdot \operatorname{tg} \frac{\pi}{6}$ |
| 2. $\cos \frac{7\pi}{6}$ | 5. $\cos \frac{2\pi}{3} \cdot \operatorname{tg} \frac{\pi}{4}$ | 8. $\operatorname{tg} \frac{3\pi}{4} \cdot \cos \frac{5\pi}{3}$ |
| 3. $\operatorname{tg} \frac{5\pi}{3}$ | 6. $\sin \frac{5\pi}{6} \cdot \cos \frac{7\pi}{4}$ | 9. $\cos \frac{\pi}{4} \cdot \sin \frac{7\pi}{6}$ |

Вариант 2.

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| 1. $\operatorname{tg} \frac{12\pi}{15}$ | 4. $\sin \frac{5\pi}{4} \cdot \operatorname{tg} \frac{7\pi}{18}$ | 7. $\cos \frac{9\pi}{4} \cdot \operatorname{ctg} \frac{3\pi}{5}$ |
| 2. $\sin \frac{8\pi}{9}$ | 5. $\cos \frac{3\pi}{15} \cdot \cos \frac{8\pi}{9}$ | 8. $\sin \frac{8\pi}{15} \cdot \cos \frac{5\pi}{3}$ |
| 3. $\cos \frac{9\pi}{10}$ | 6. $\sin \frac{6\pi}{5} \cdot \operatorname{tg} \frac{7\pi}{4}$ | 9. $\operatorname{tg} \frac{9\pi}{20} \cdot \sin \frac{2\pi}{5}$ |

Вариант 3.

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| 1. $\cos \frac{7\pi}{18}$ | 4. $\cos \frac{8\pi}{15} \cdot \operatorname{ctg} \frac{\pi}{3}$ | 7. $\operatorname{tg} \frac{2\pi}{3} \cdot \sin \frac{5\pi}{4}$ |
| 2. $\sin \frac{3\pi}{5}$ | 5. $\cos \frac{\pi}{3} \cdot \operatorname{tg} \frac{3\pi}{5}$ | 8. $\cos \frac{3\pi}{4} \cdot \cos \frac{6\pi}{15}$ |
| 3. $\operatorname{ctg} \frac{5\pi}{3}$ | 6. $\sin \frac{4\pi}{9} \cdot \cos \frac{9\pi}{5}$ | 9. $\sin \frac{3\pi}{20} \cdot \cos \frac{5\pi}{3}$ |

Вариант 4.

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| 1. $\operatorname{tg} \frac{4\pi}{9}$ | 4. $\operatorname{tg} \frac{3\pi}{5} \cdot \operatorname{ctg} \frac{4\pi}{3}$ | 7. $\operatorname{tg} \frac{8\pi}{5} \cdot \sin \frac{4\pi}{3}$ |
| 2. $\cos \frac{9\pi}{20}$ | 5. $\sin \frac{7\pi}{9} \cdot \cos \frac{2\pi}{3}$ | 8. $\sin \frac{6\pi}{5} \cdot \cos \frac{9\pi}{4}$ |
| 3. $\sin \frac{7\pi}{12}$ | 6. $\cos \frac{5\pi}{4} \cdot \sin \frac{3\pi}{4}$ | 9. $\cos \frac{3\pi}{10} \cdot \operatorname{ctg} \frac{7\pi}{5}$ |