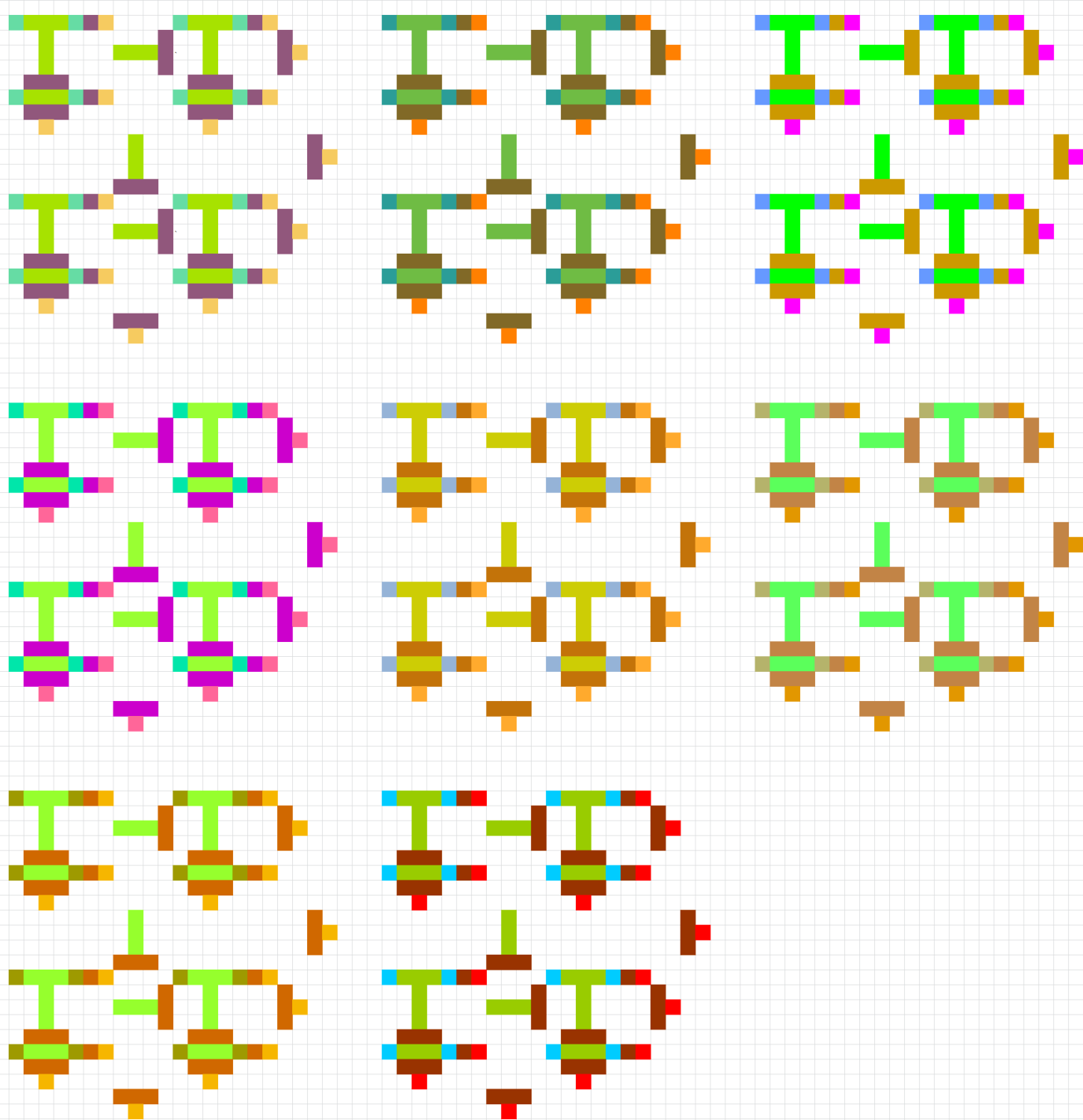
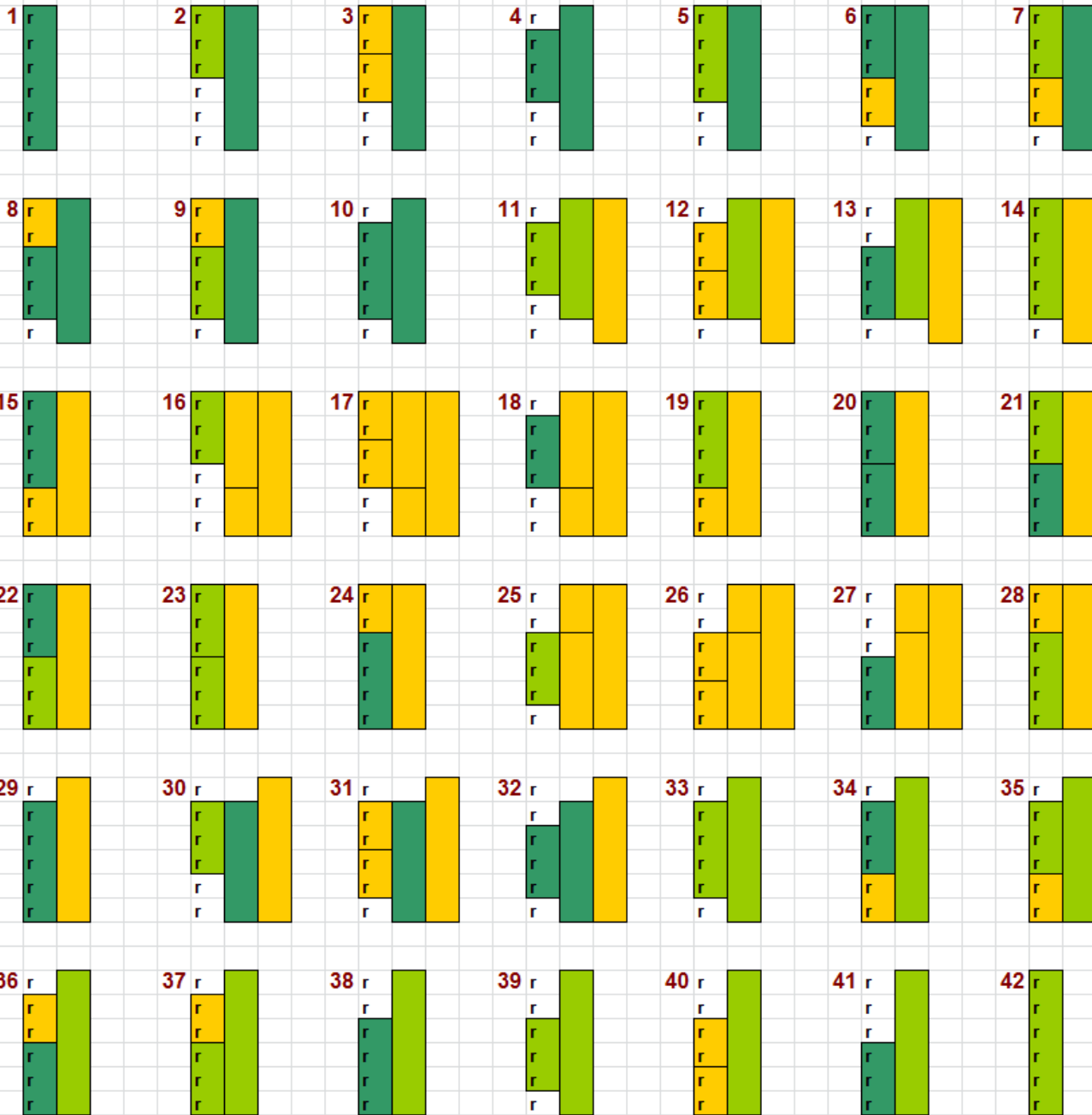


42 Examples of composite mulanept patterns

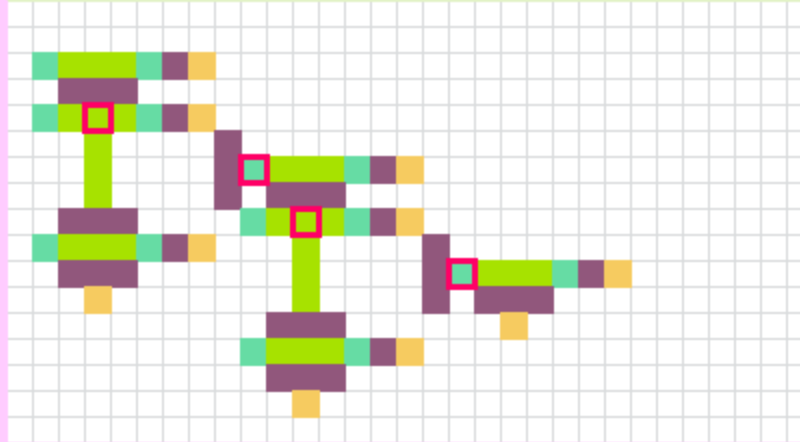
By Alister Wilson



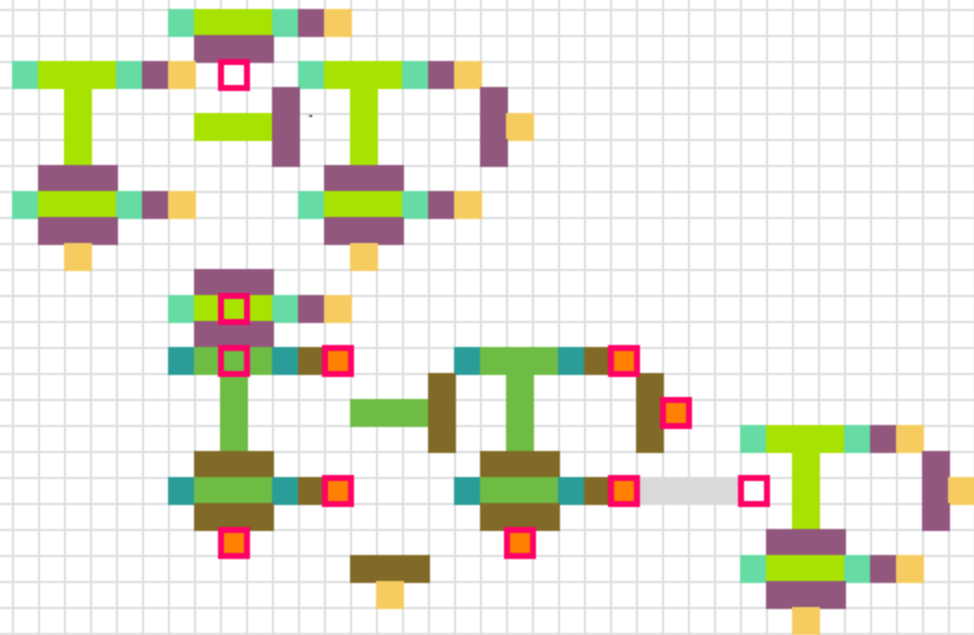
42 binary bracketings on 6 elements



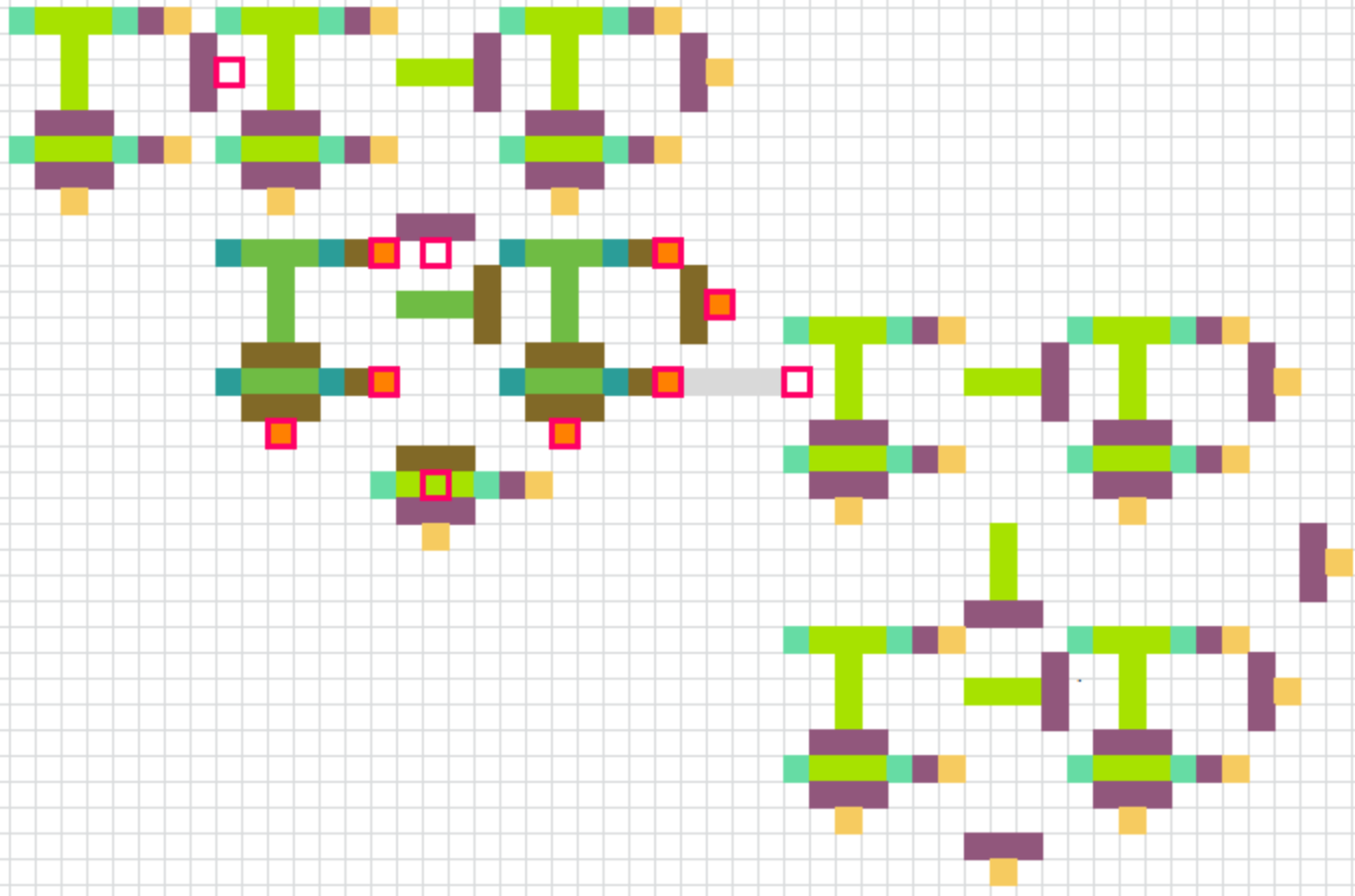
$$n^3(n^4(n^3(n^4(n^3n))))$$



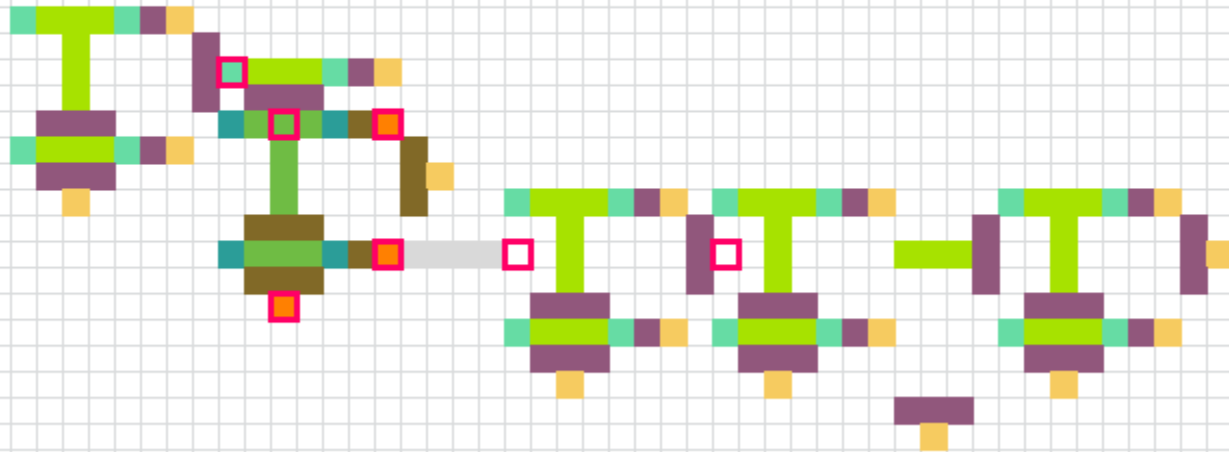
$$n^3(n^5(n^3((n^4n)^{5n})))$$



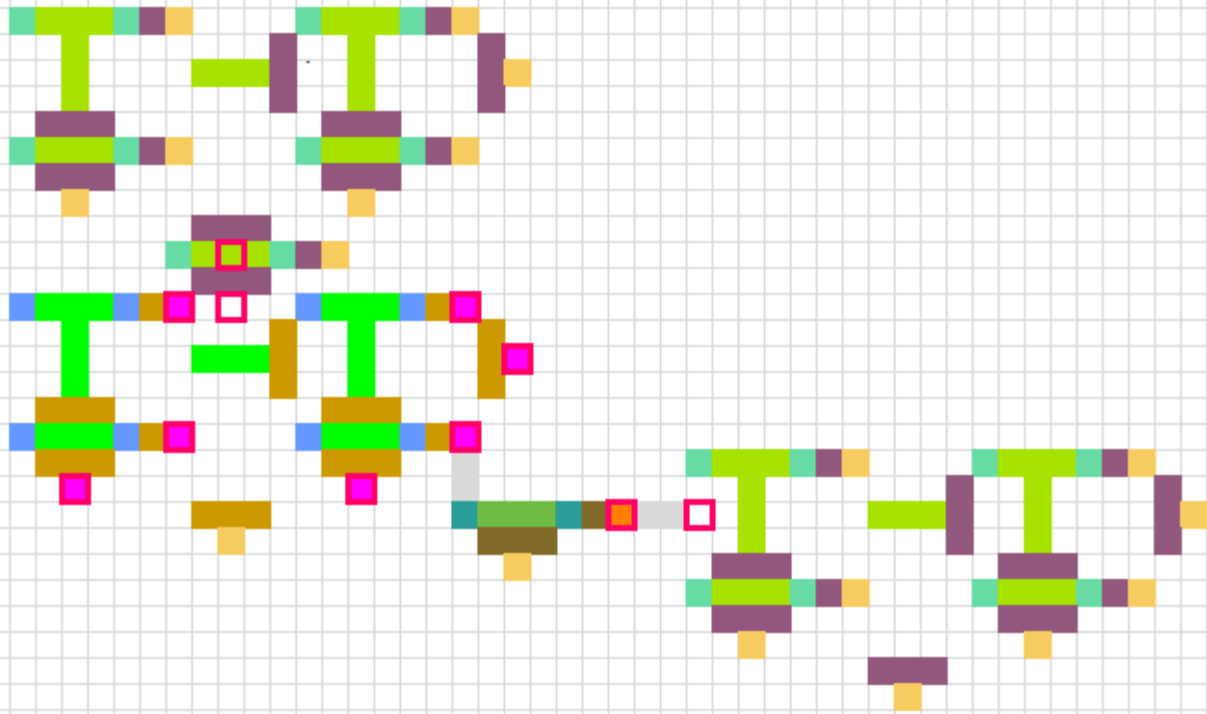
$$n^4(n^5((n^6n)^5(n^3n)))$$



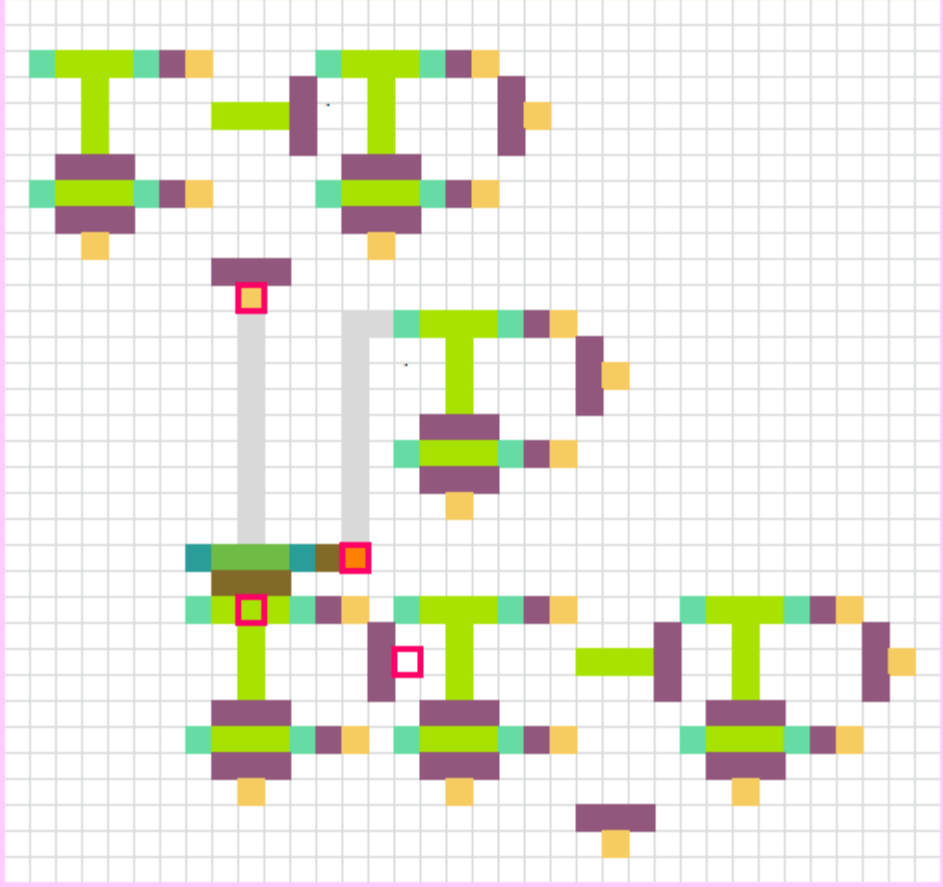
$$n^4(n^3((n^4(n^5n))^4n))$$



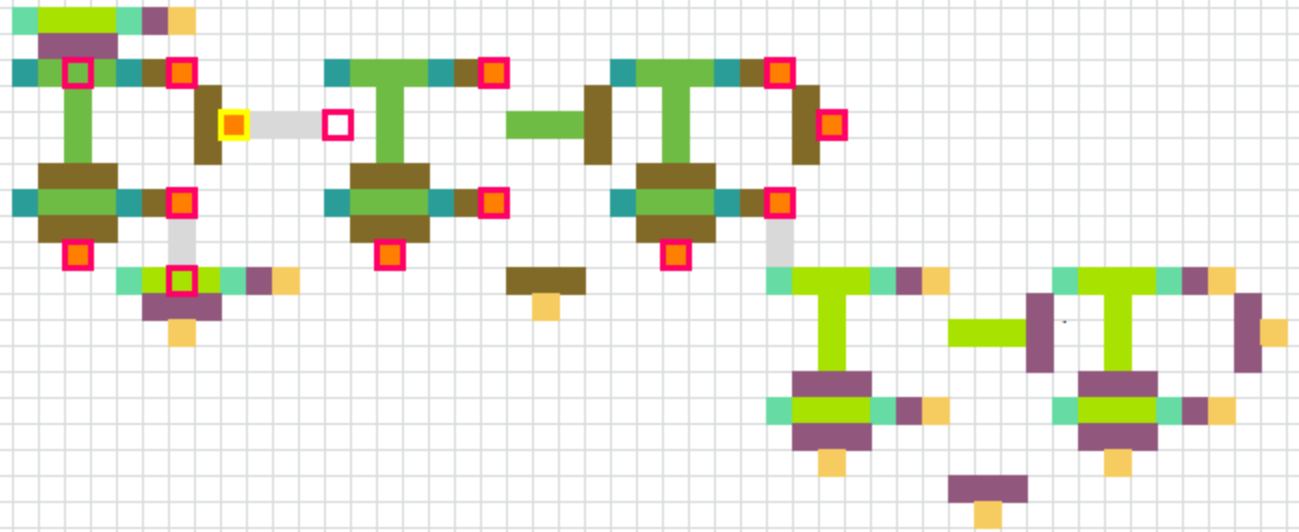
$$n^5(n^3(((n^5n)^3n)^5n))$$



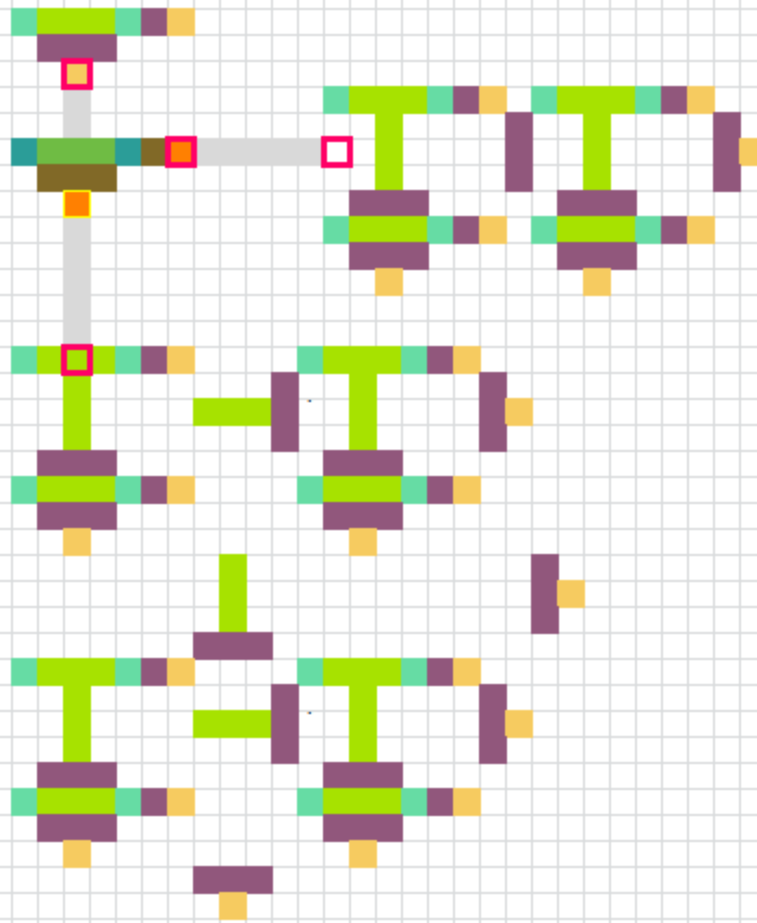
$$n^5((n^{4n})^3(n^4(n^{5n})))$$



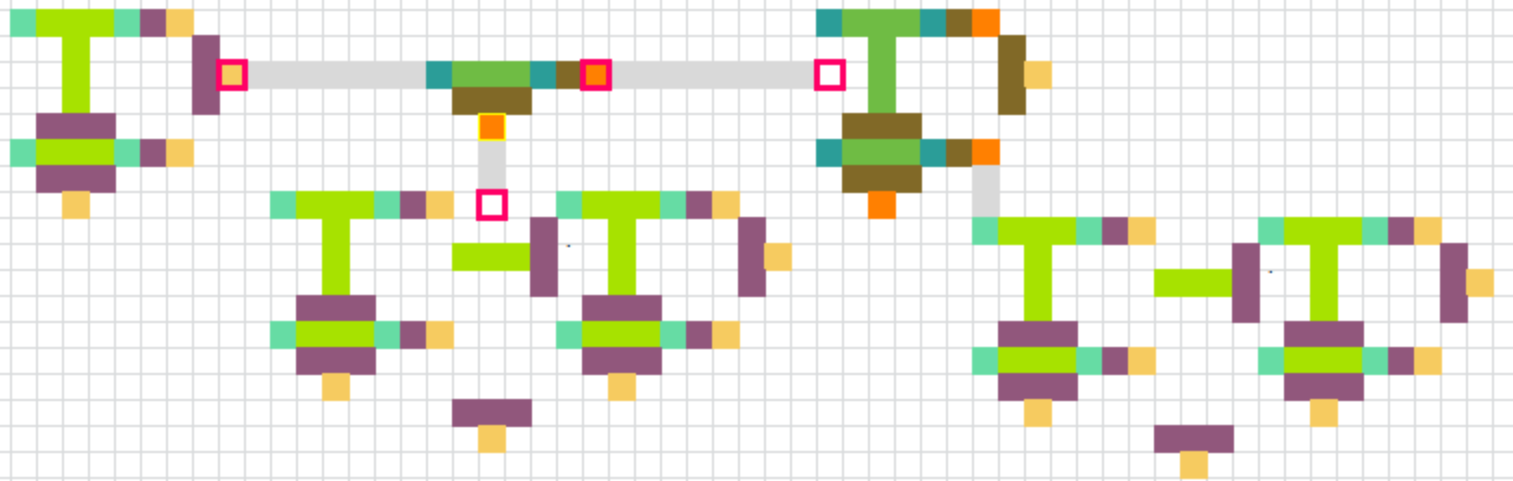
$$n^3((n^{3n})^4((n^{5n})^{5n}))$$



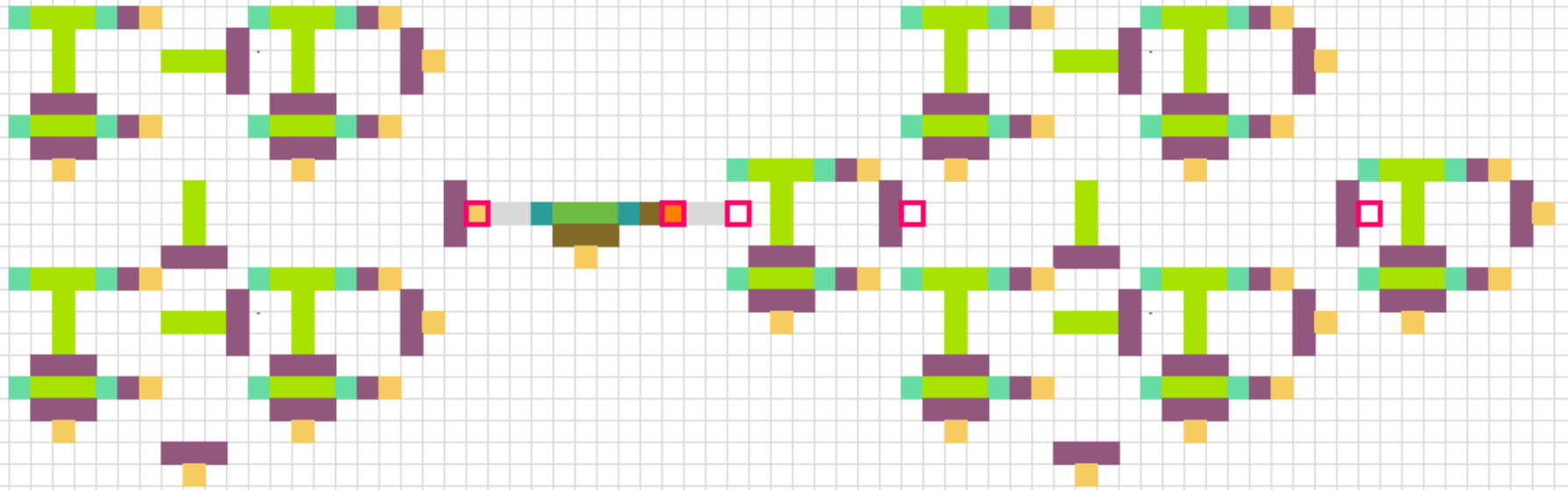
$$n^3((n^4(n^4n))^3(n^6n))$$



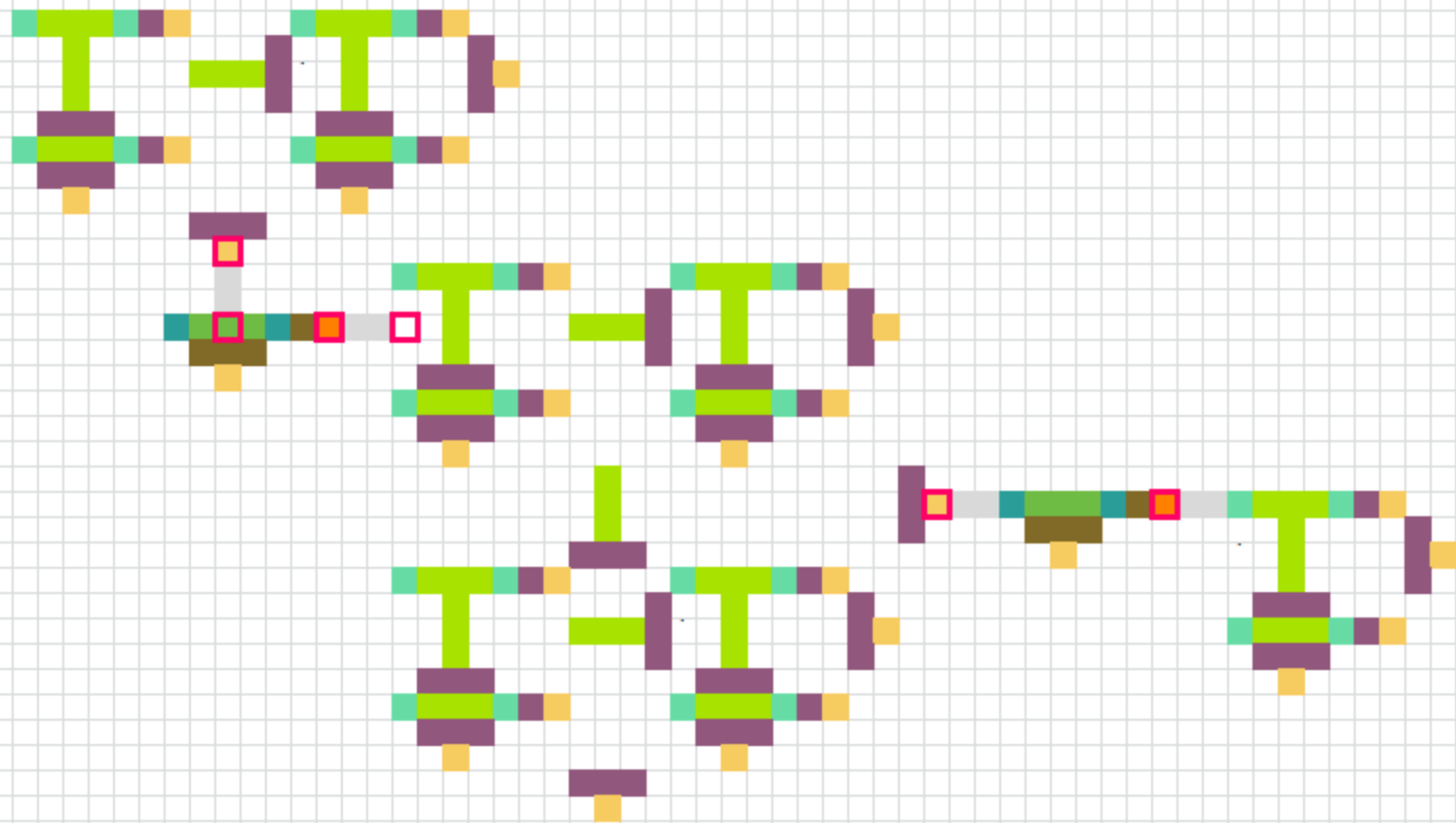
$$n^4(((n^{5n})^{4n})^3(n^{5n}))$$



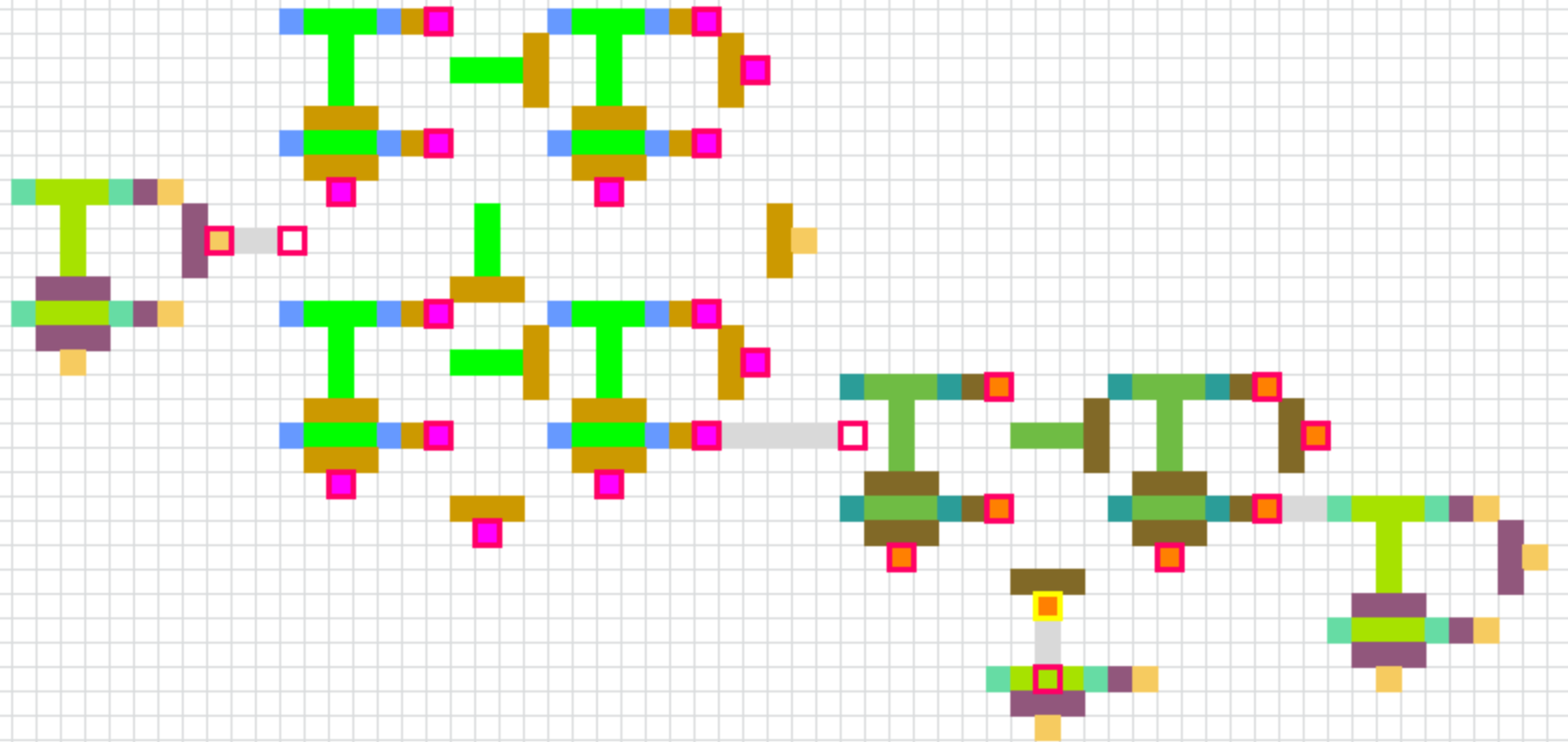
$$n^6((n^4(n^6(n^4n)))^3n)$$



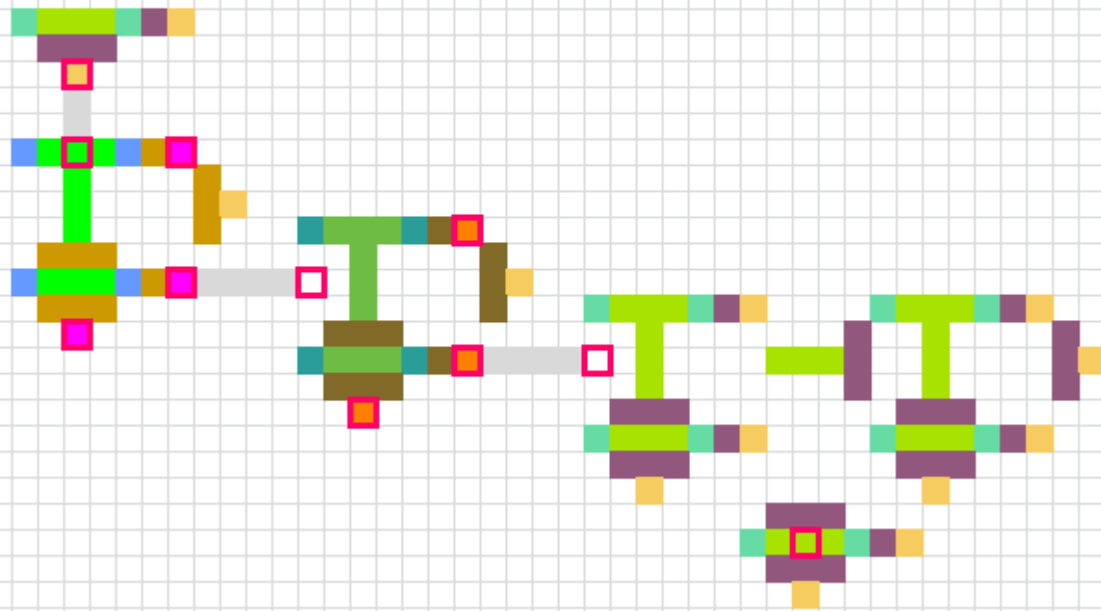
$$n^5((n^6((n^4n)^{3n}))^{3n})$$



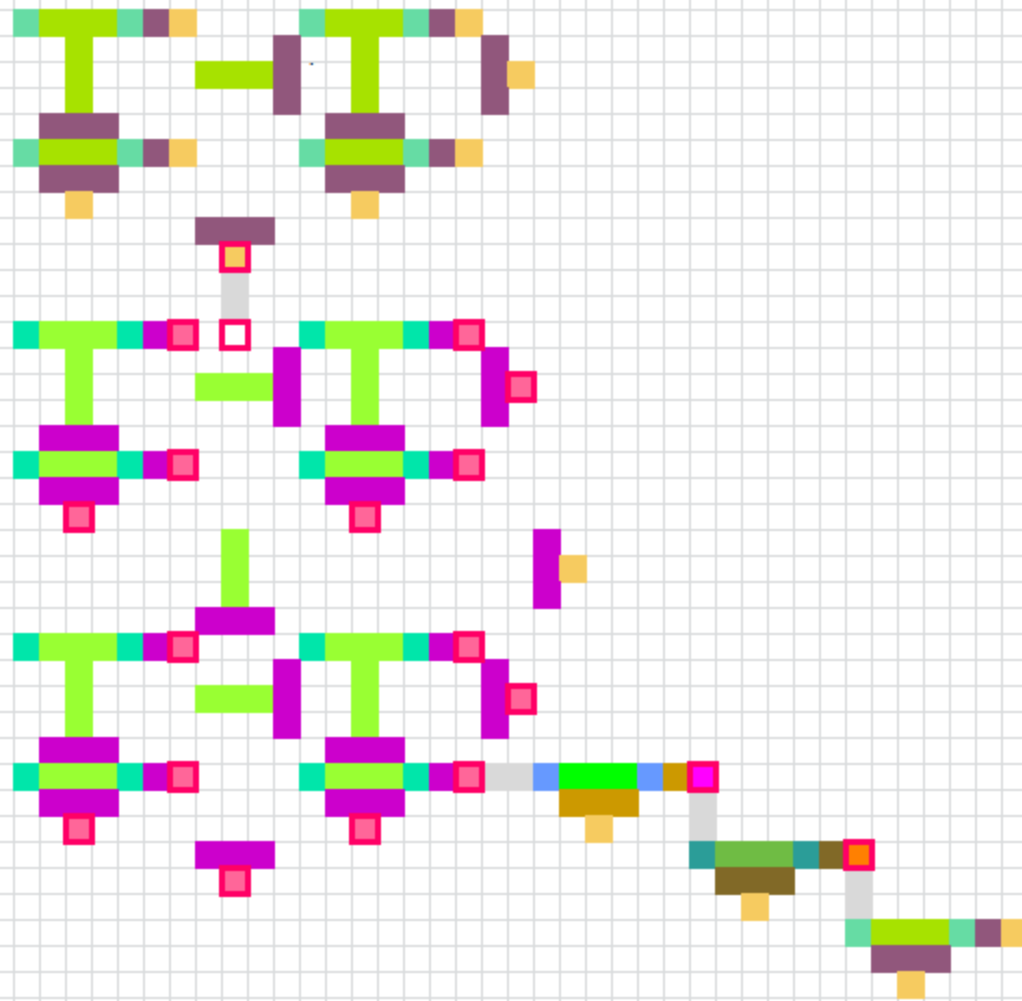
$$n^4(((n^{4n})^5(n^{3n}))^{6n})$$



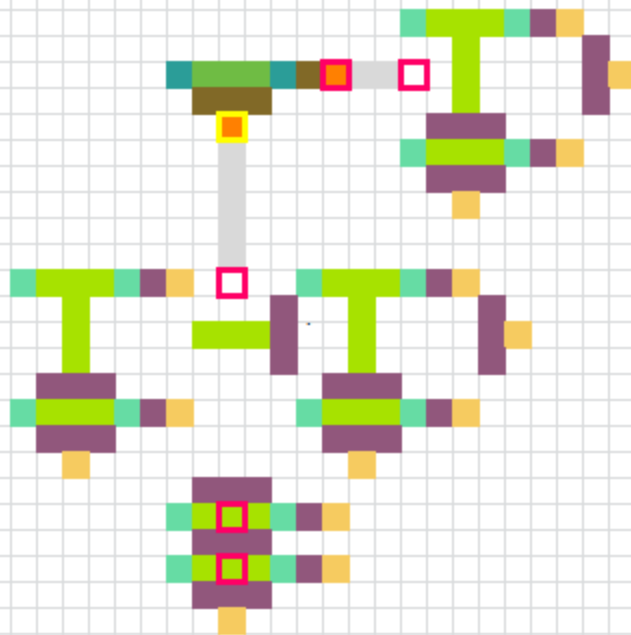
$$n^3(((n^5(n^3n))^4n)^4n)$$



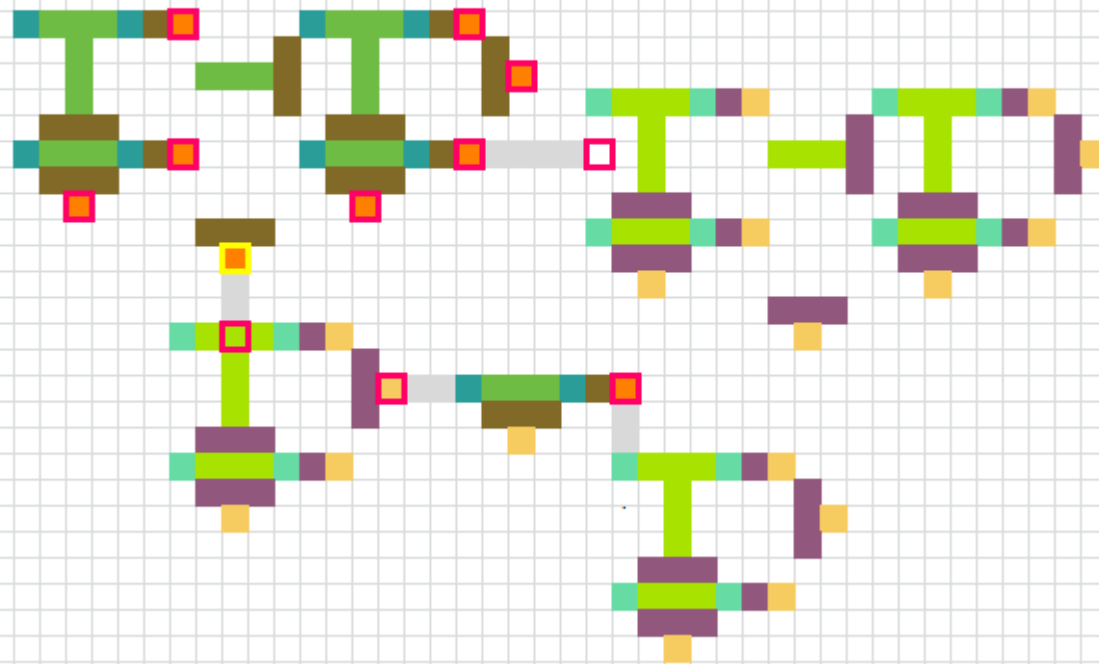
$$n^5(((n^{3n})^{3n})^{3n})^{6n}$$



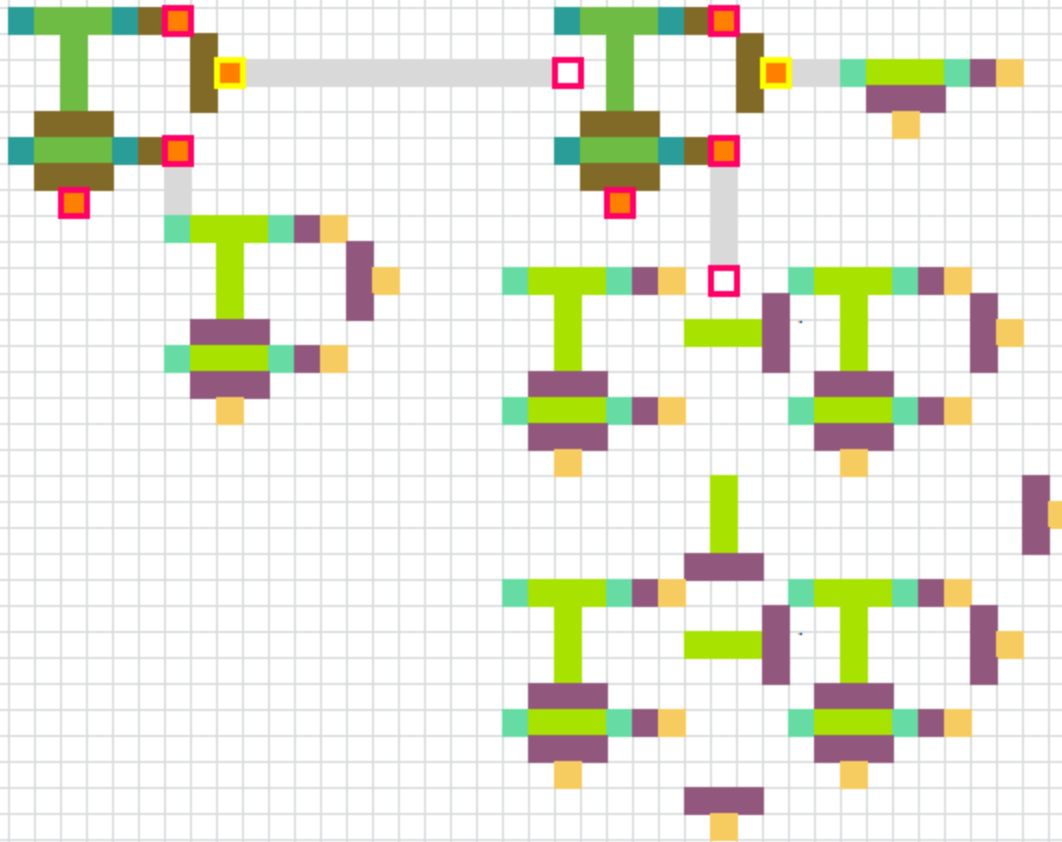
$$(n^{4n})^3(n^5(n^3(n^3n)))$$



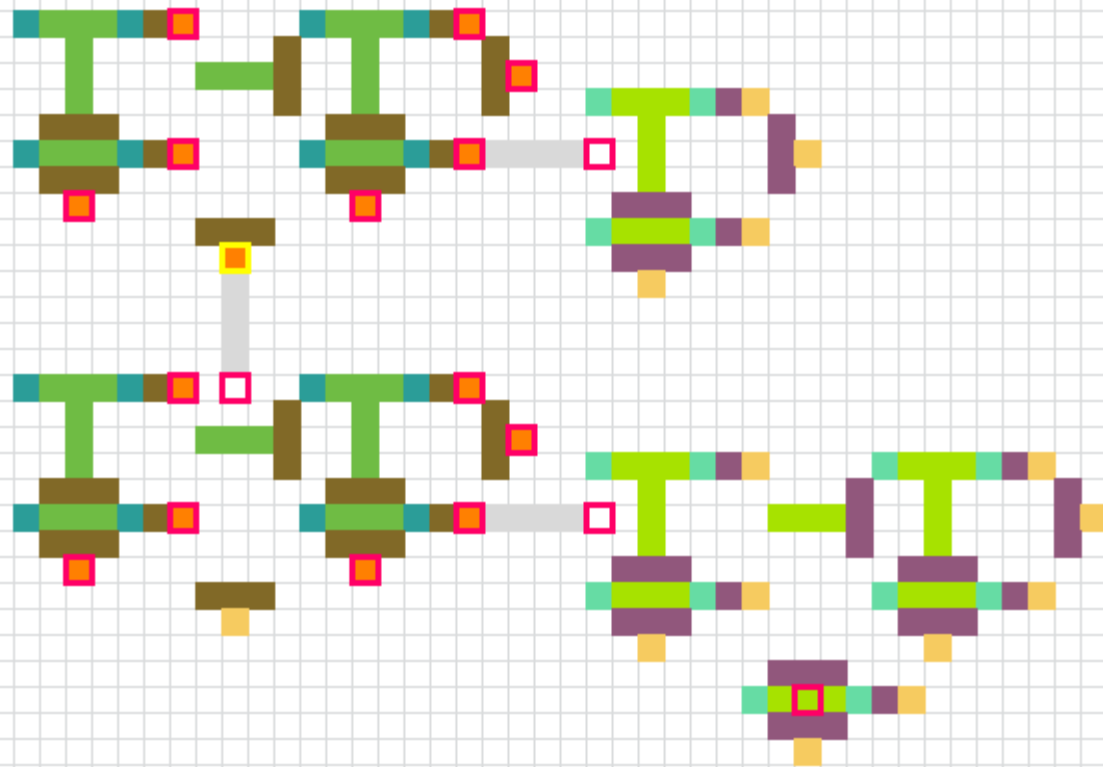
$$(n^{5n})^5(n^4((n^4n)^3n))$$



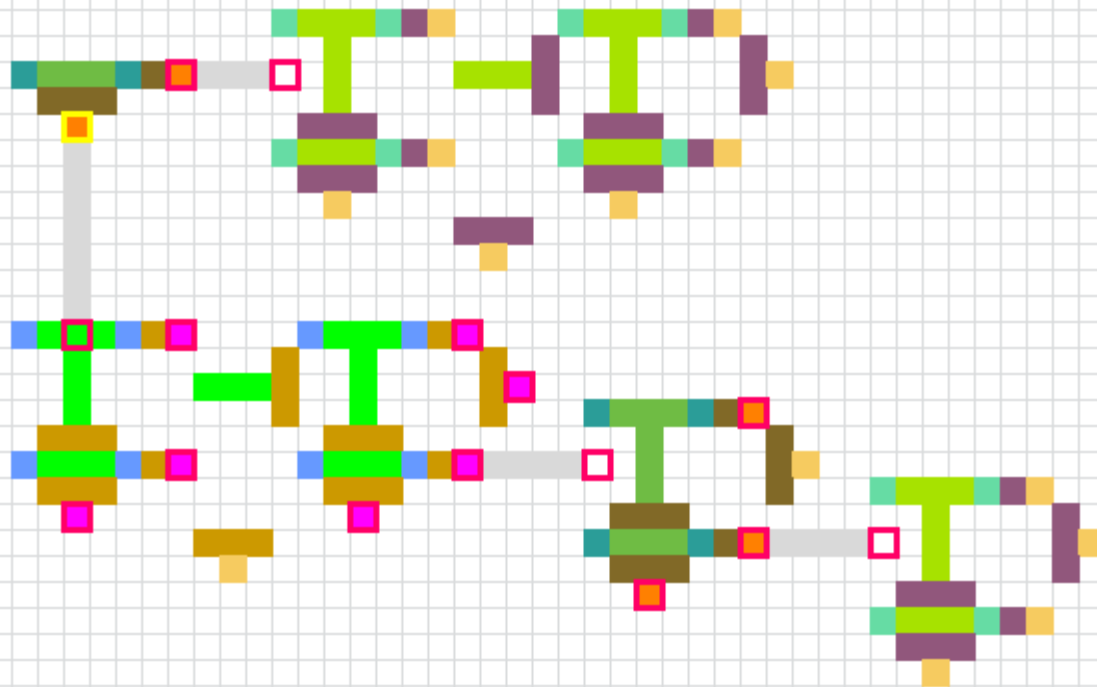
$$(n^{4n})^4((n^{6n})^4(n^{3n}))$$



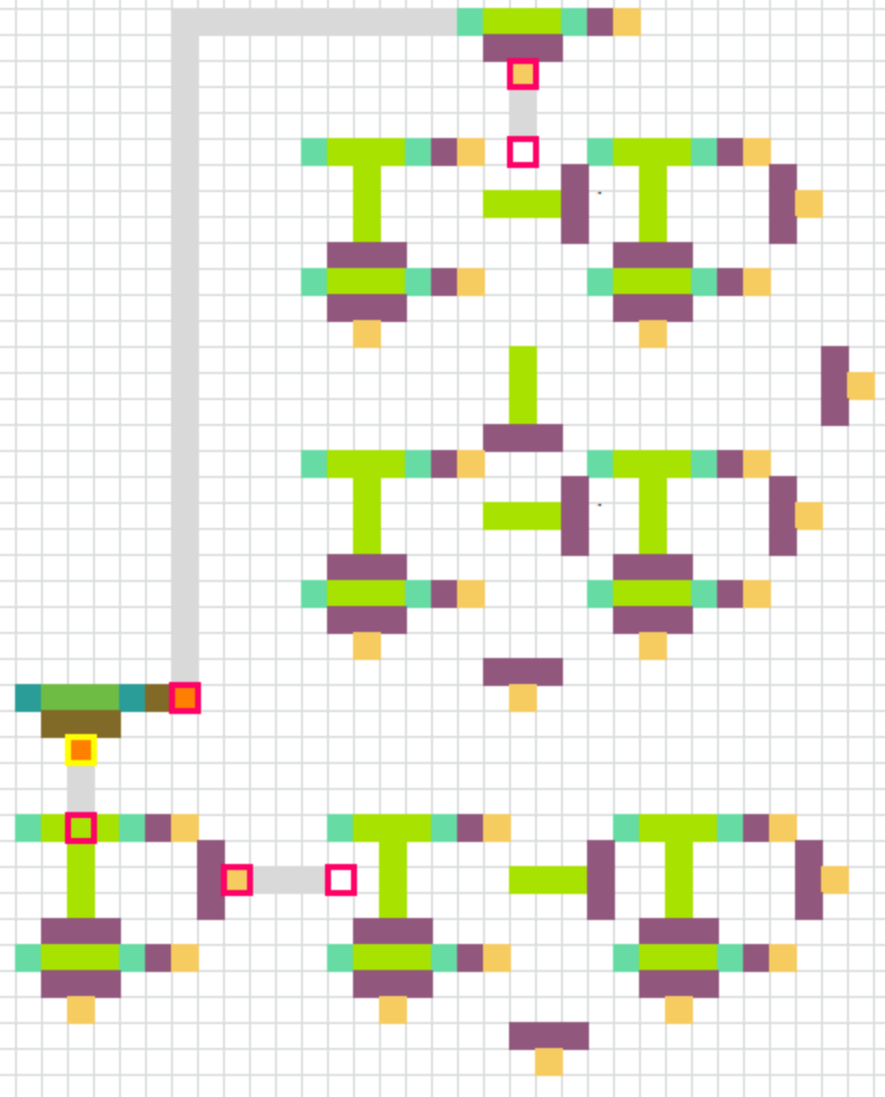
$$(n^{4n})^5((n^5(n^{3n}))^5n)$$



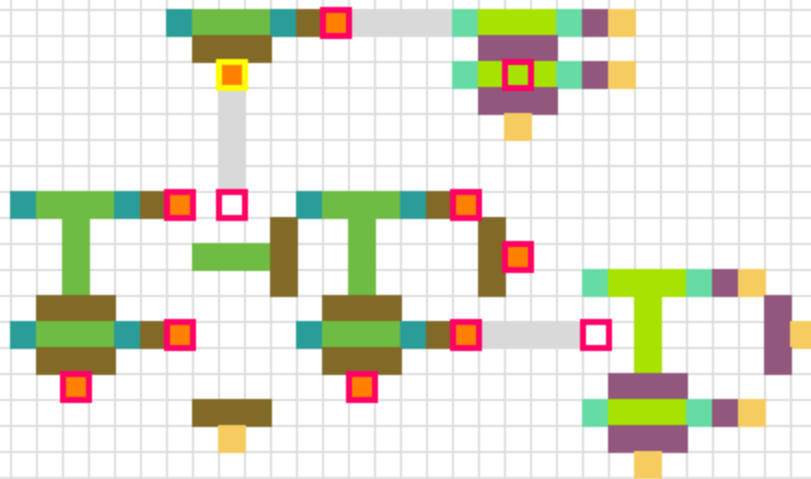
$$(n^{5n})^3(((n^{4n})^{4n})^{5n})$$



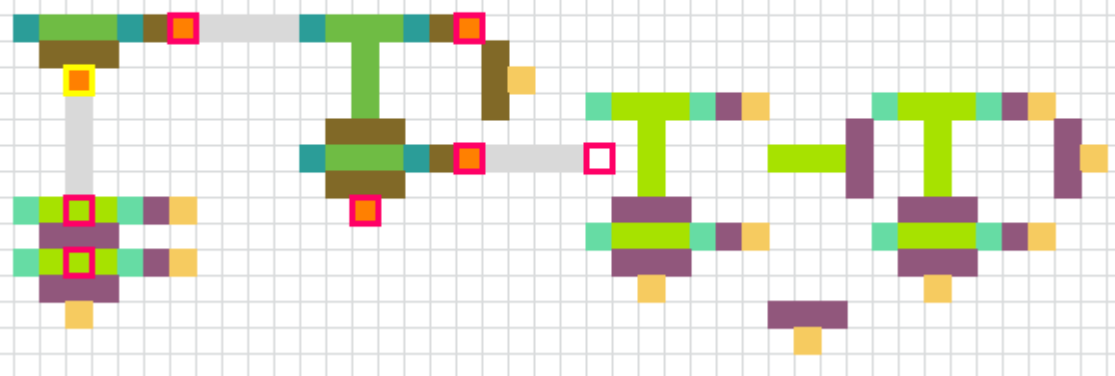
$$(n^3(n^6n))^3(n^4(n^5n))$$



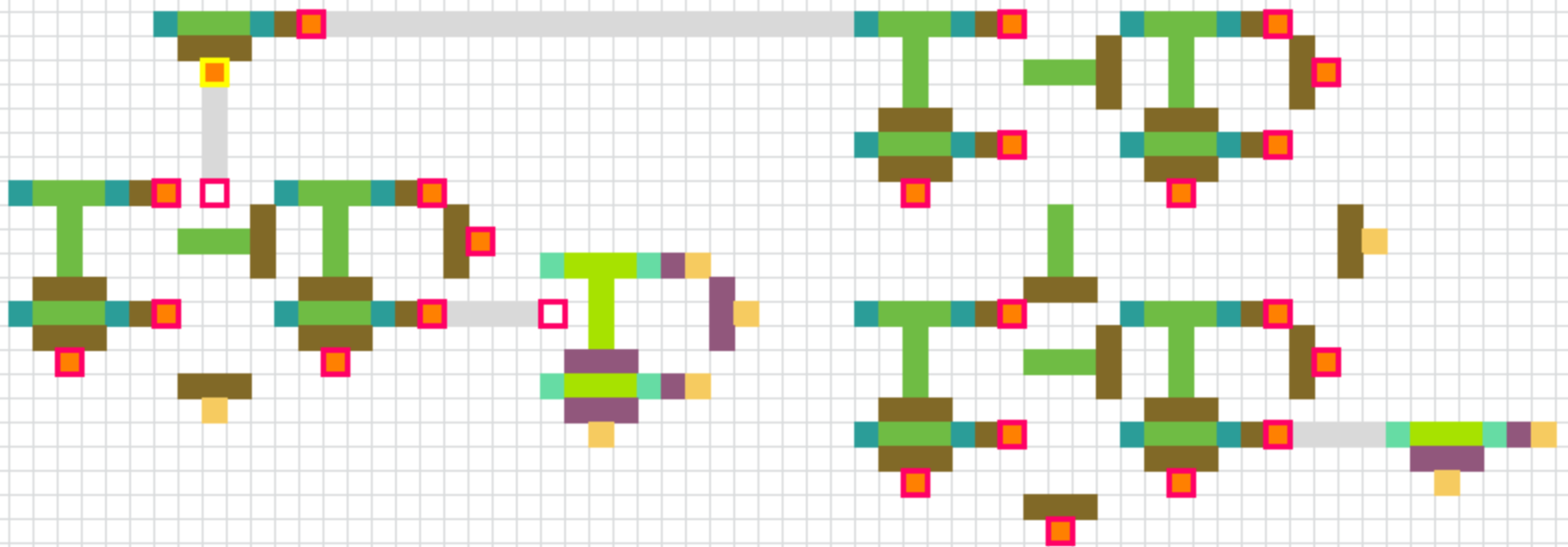
$$(n^3(n^3n))^3((n^4n)^{5n})$$



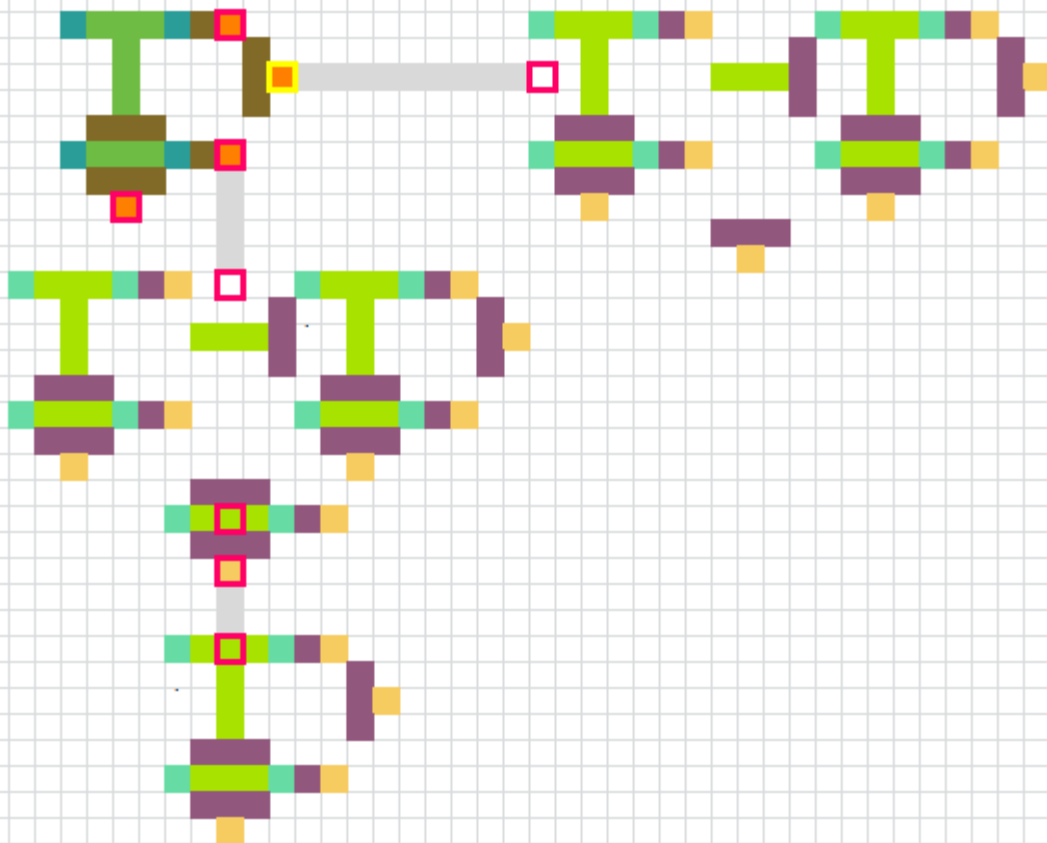
$$((n^{5n})^{4n})^3(n^3(n^{3n}))$$



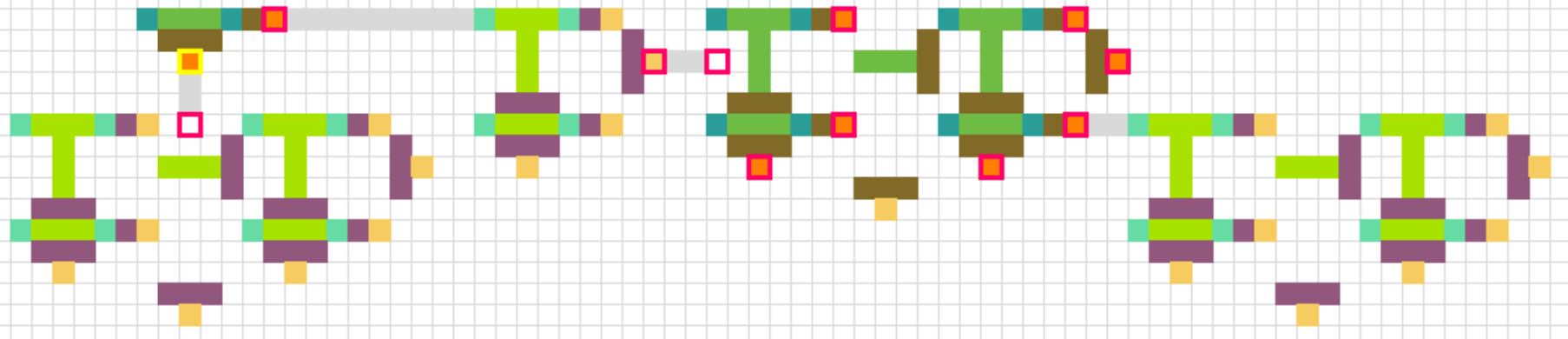
$$((n^{3n})^{6n})^3((n^{4n})^{5n})$$



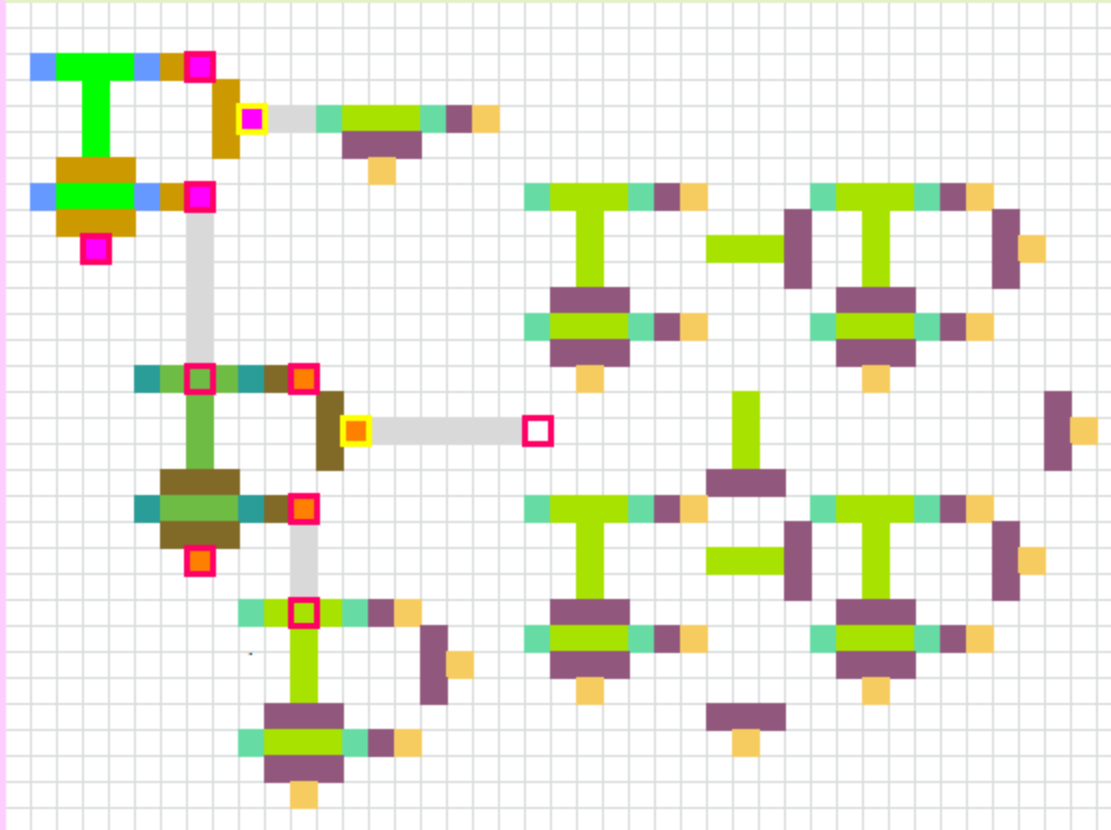
$$(n^5(n^3(n^4n)))^4(n^5n)$$



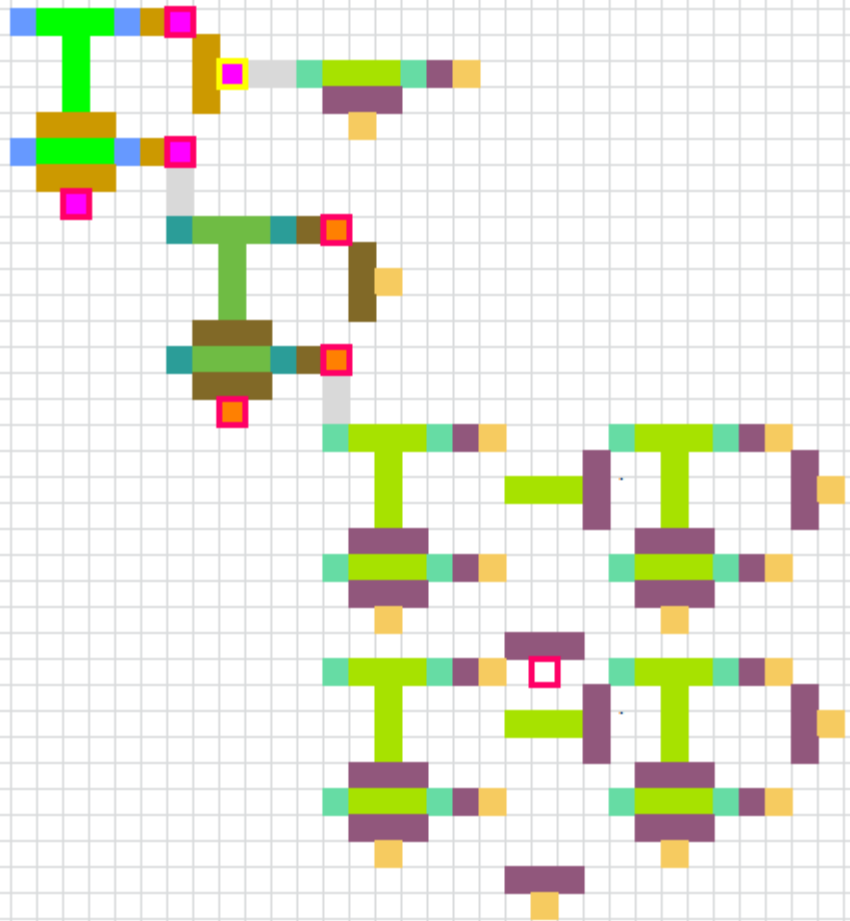
$$(n^4((n^{5n})^{5n}))^3(n^{5n})$$



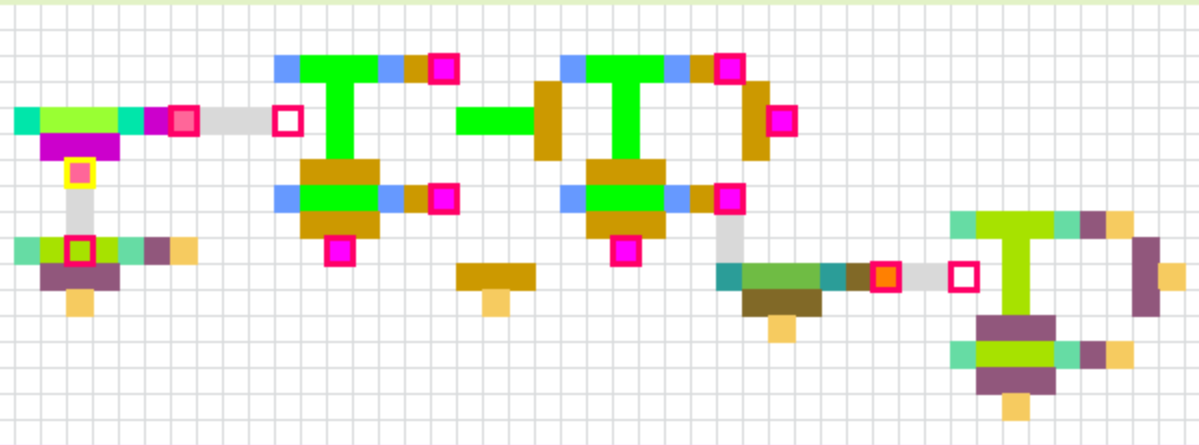
$$((n^{4n})^4(n^{6n}))^4(n^{3n})$$



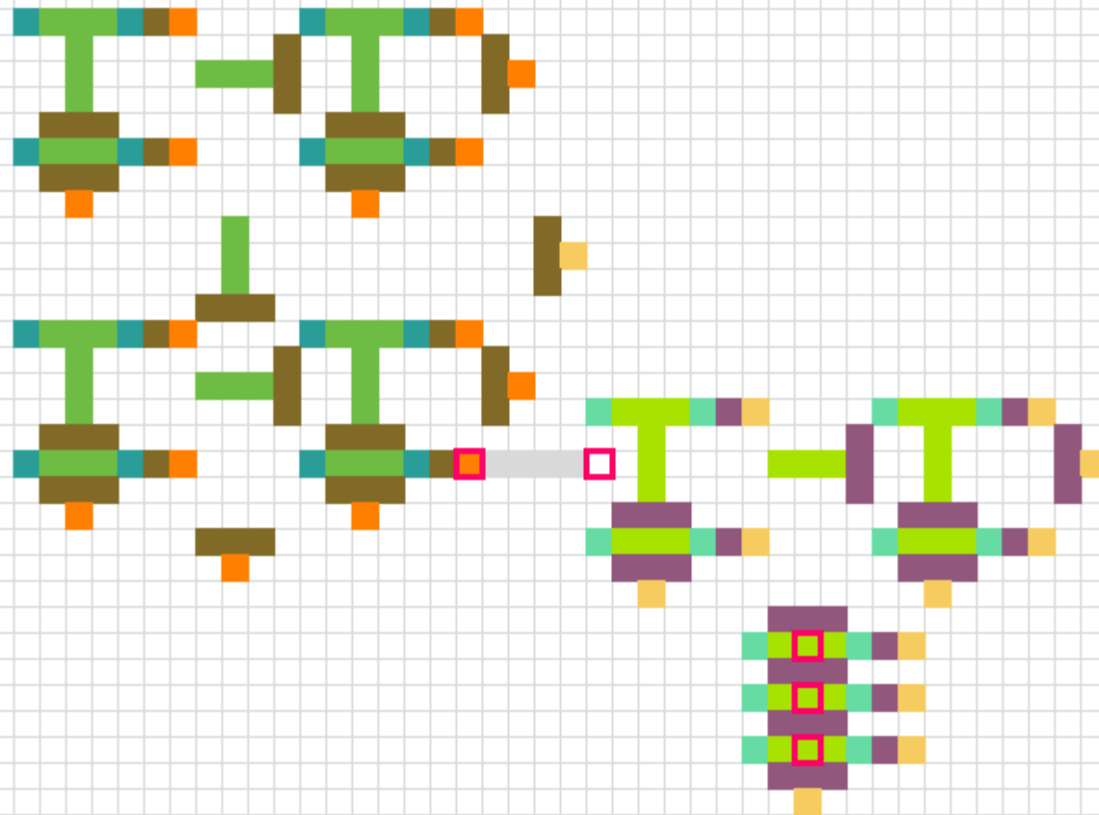
$$((n^5(n^5n))^4n)^4(n^3n)$$



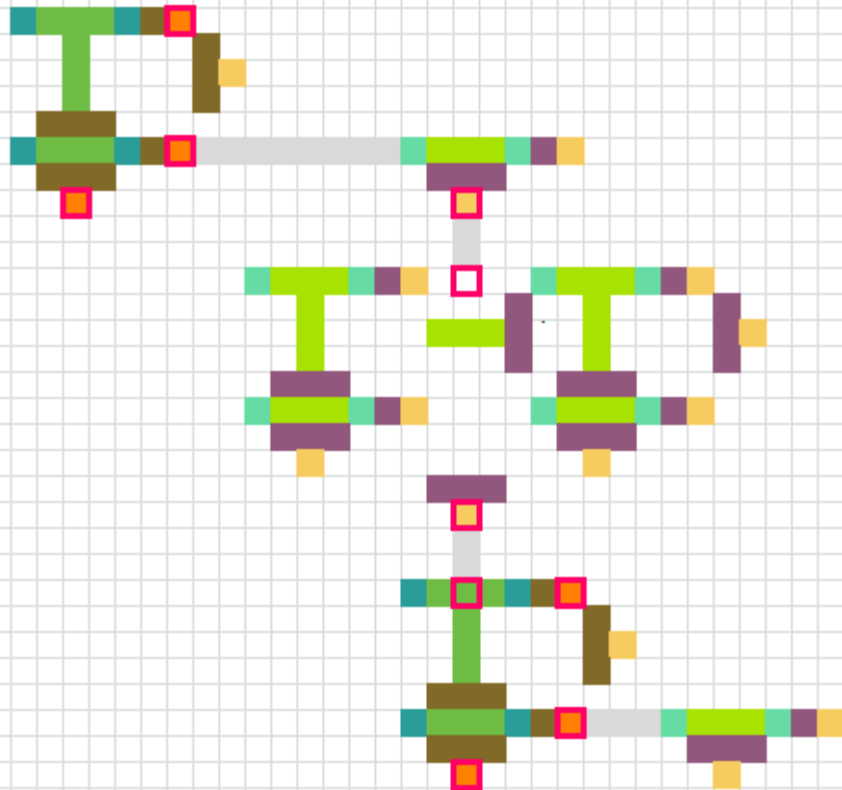
$$(((n^{4n})^{3n})^{5n})^3(n^{3n})$$



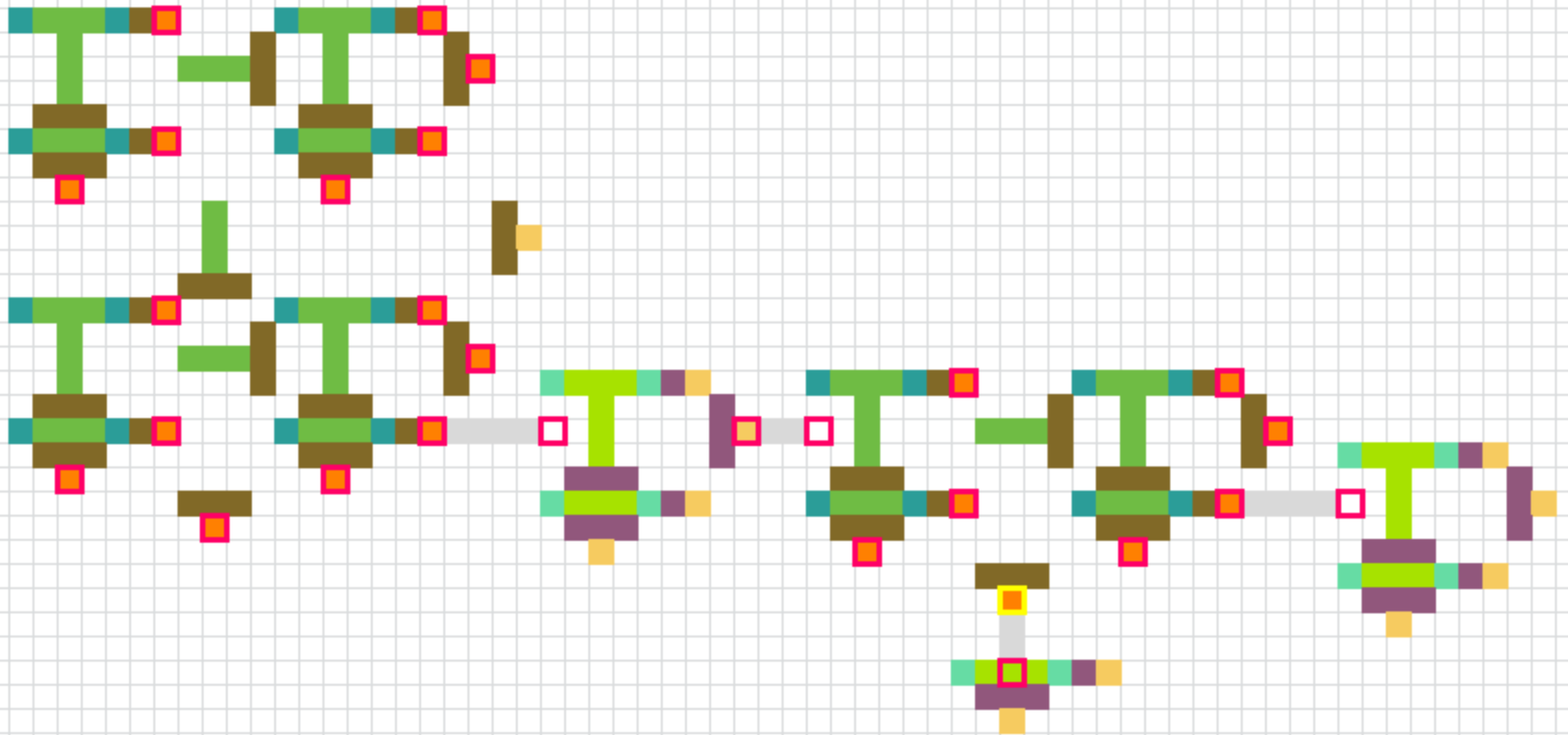
$$(n^5(n^3(n^3(n^3n))))^6n$$



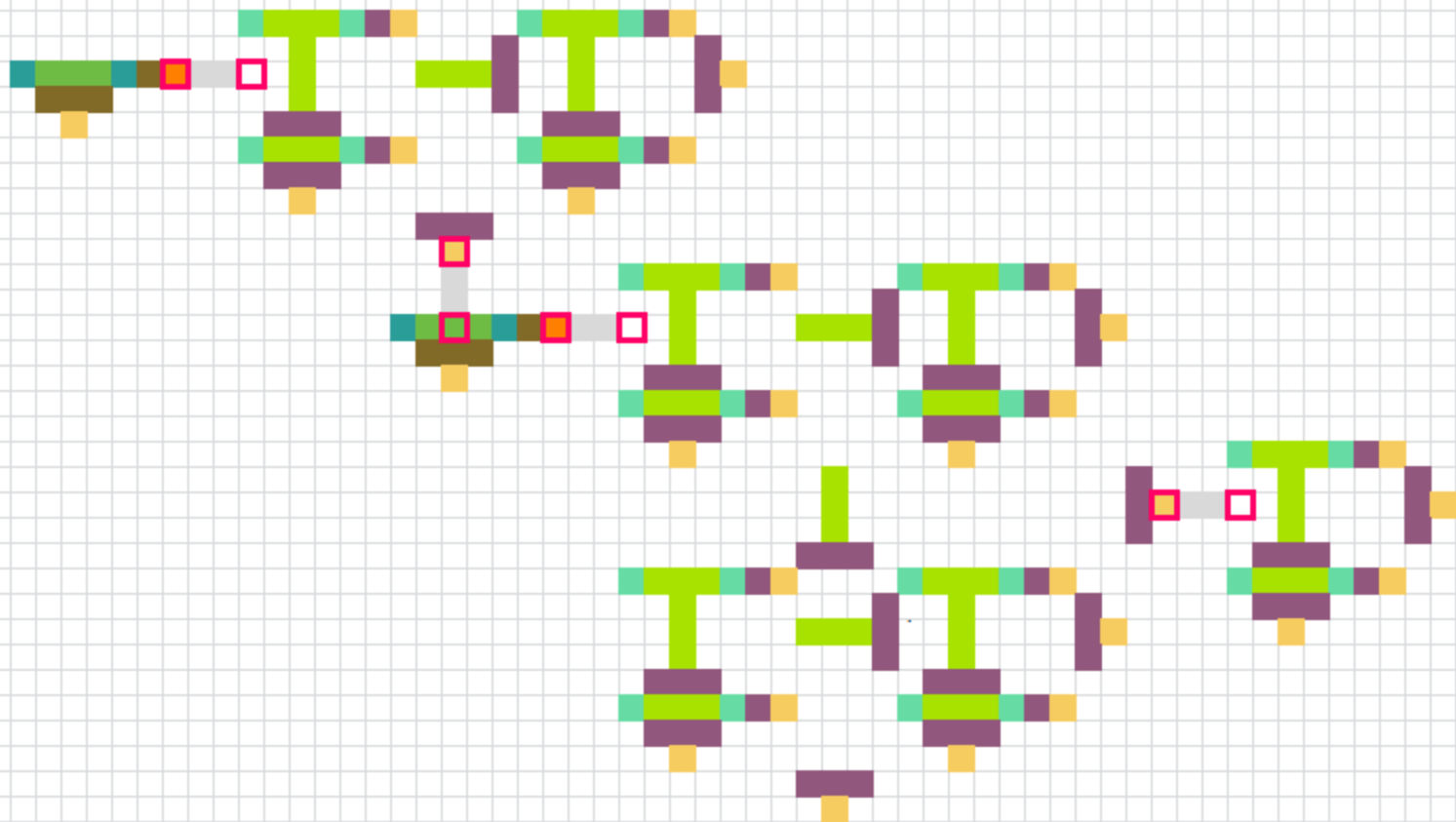
$$(n^3(n^5((n^3n)^{4n})))^{4n}$$



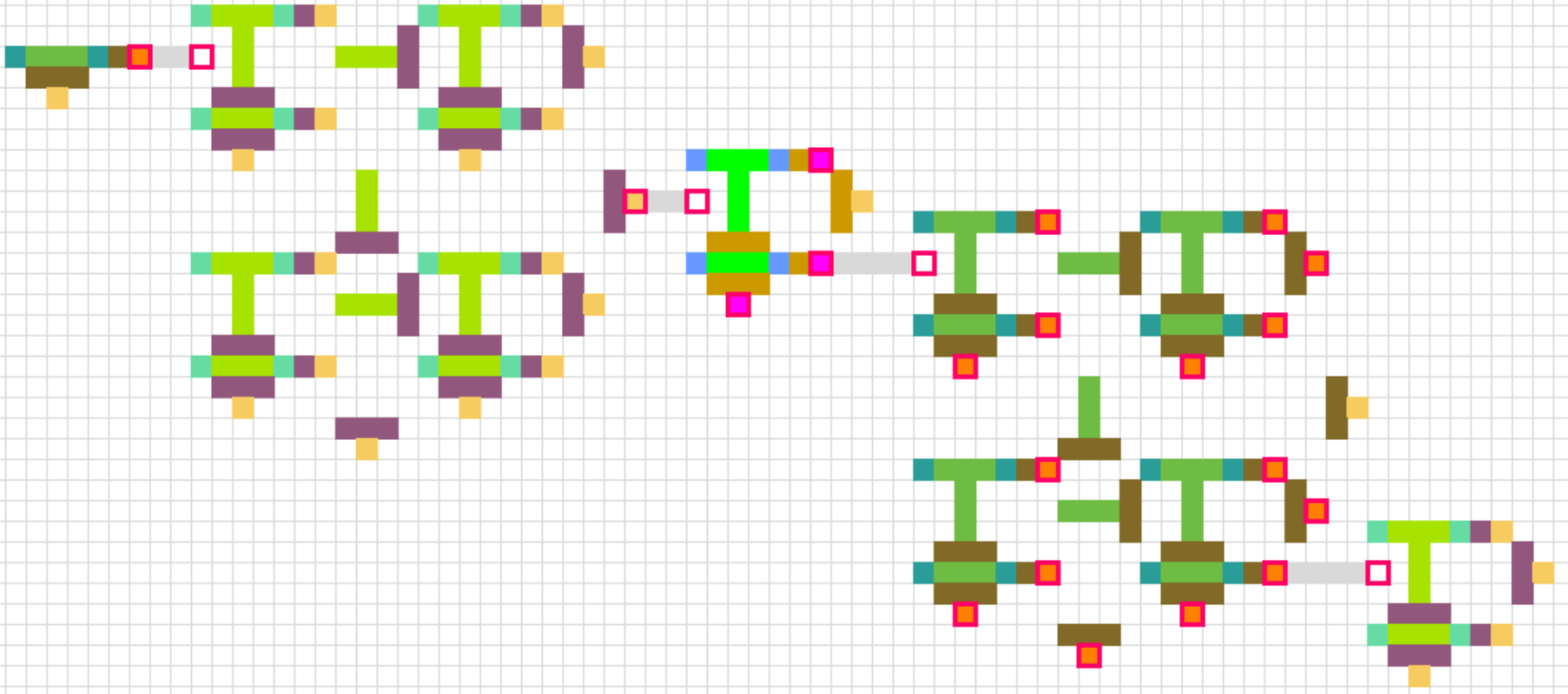
$$(n^4((n^4n)^5(n^3n)))^{6n}$$



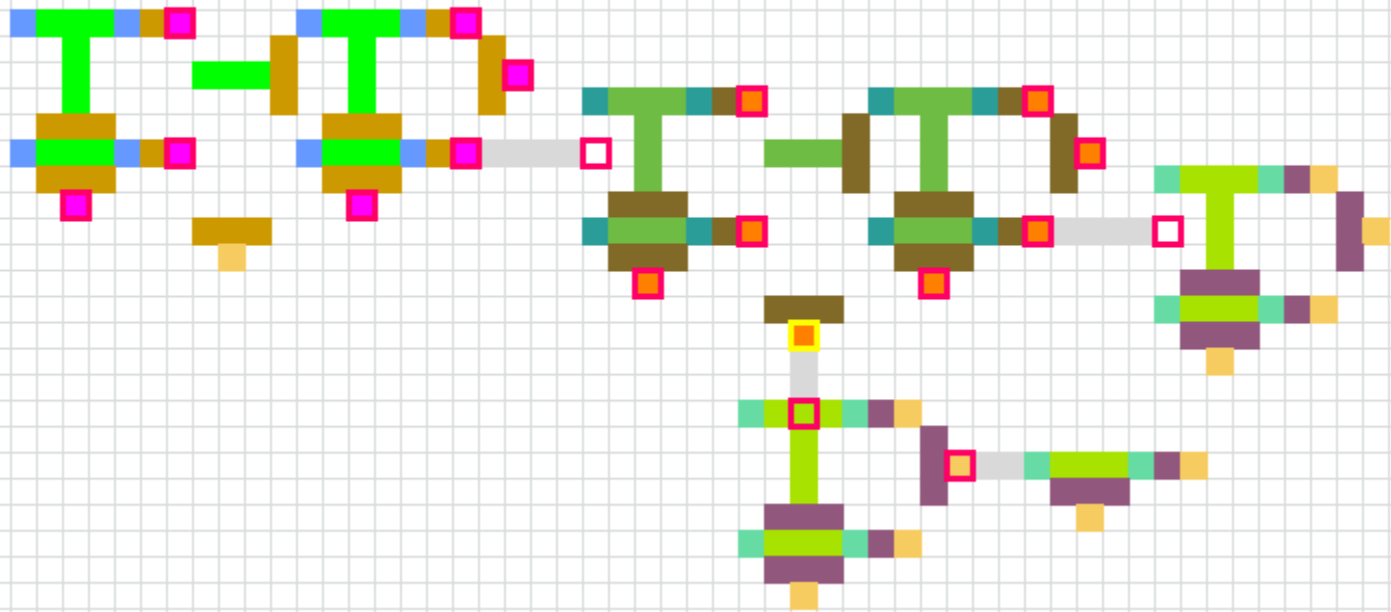
$$(n^5((n^6(n^4n))^3n))^3n$$



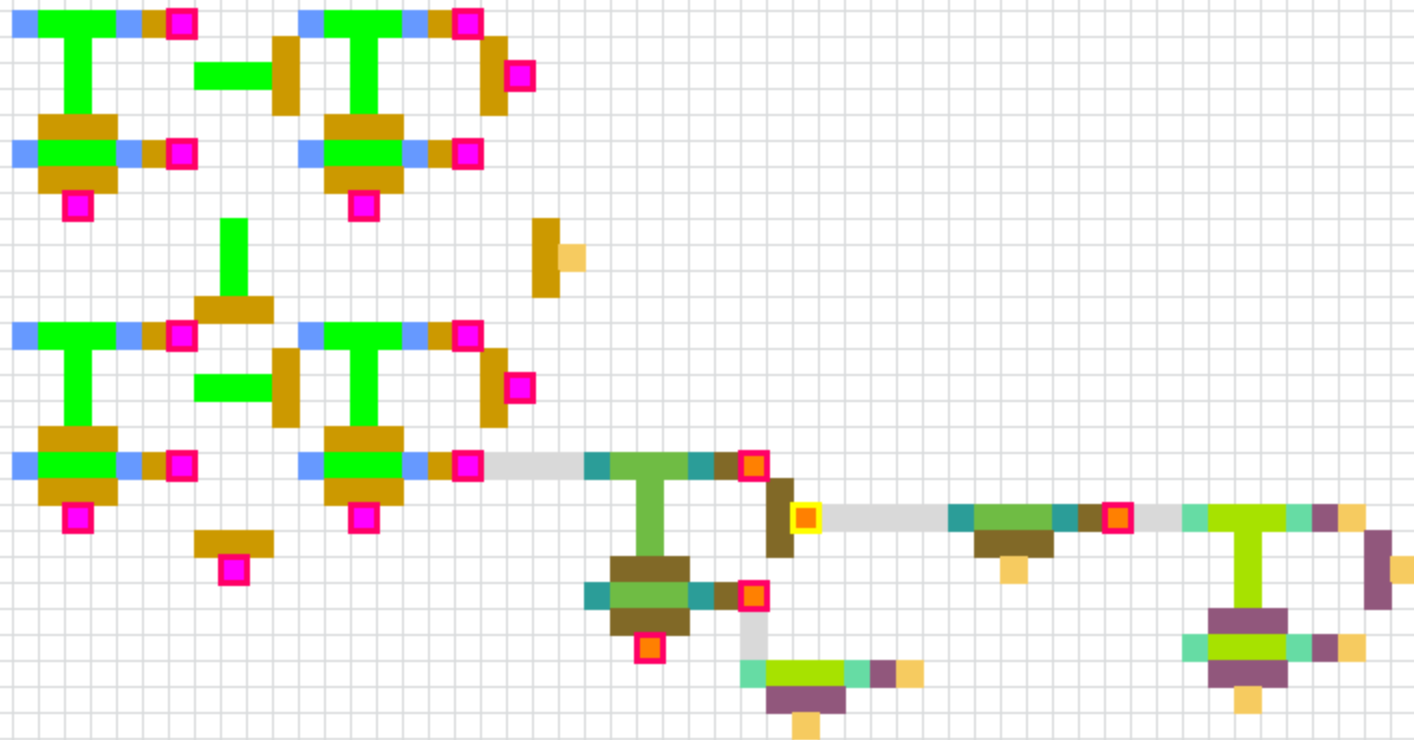
$$(n^6(((n^{4n})^{6n})^{4n}))^{3n}$$



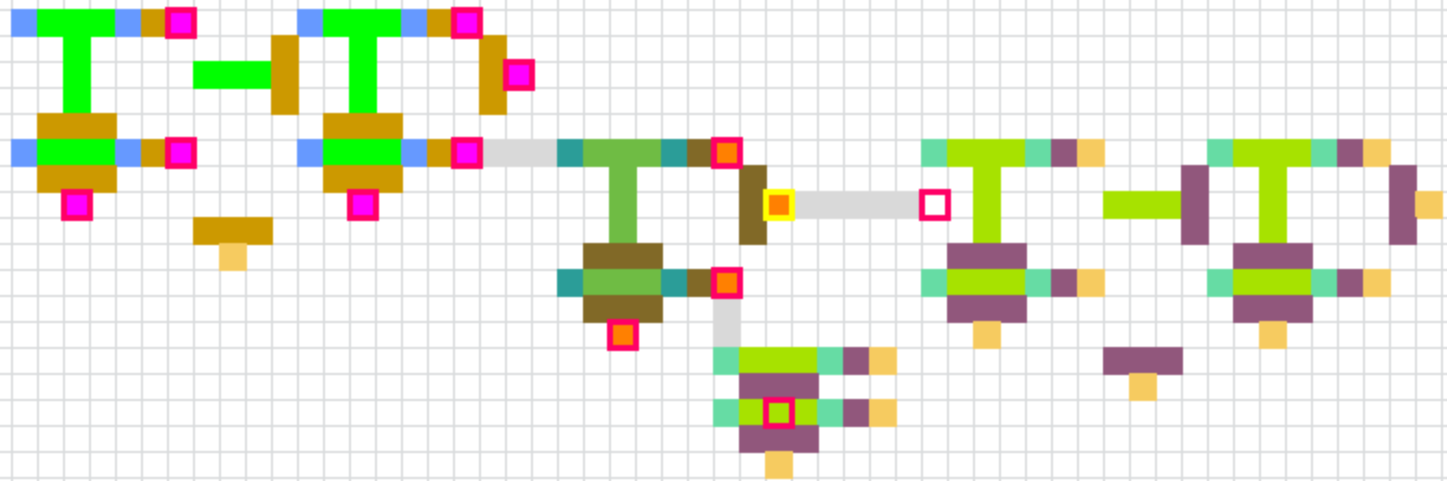
$$((n^{4n})^5(n^4(n^{3n})))^{5n}$$



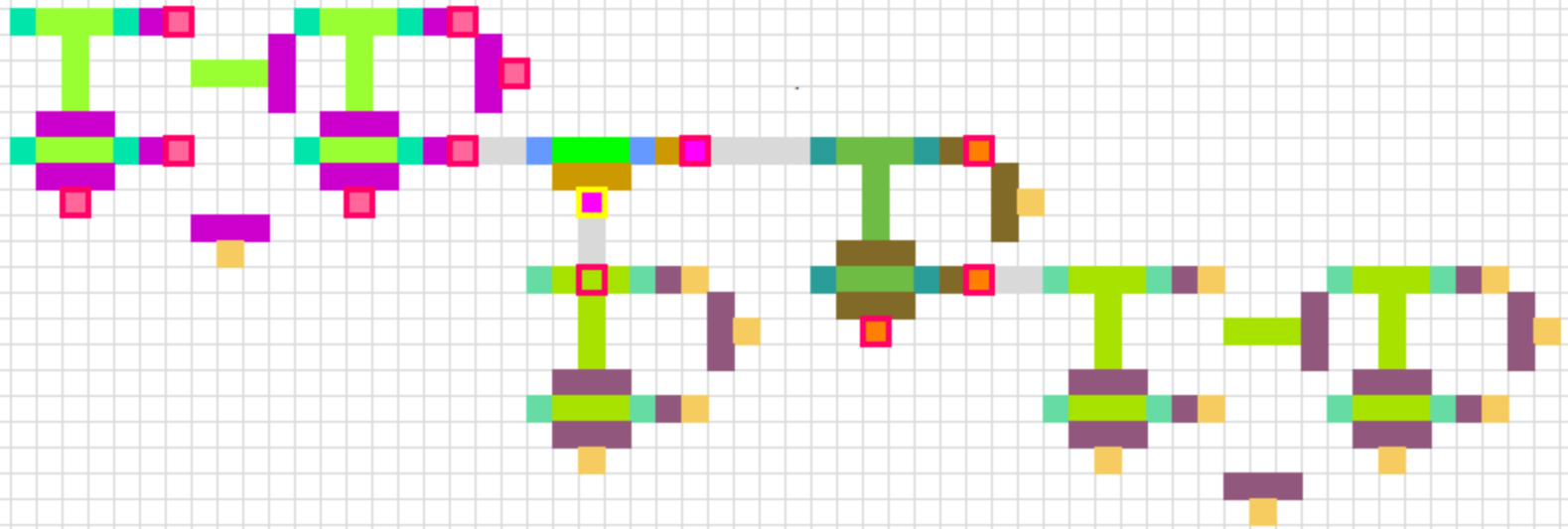
$$((n^{3n})^4((n^{4n})^3n))^6n$$



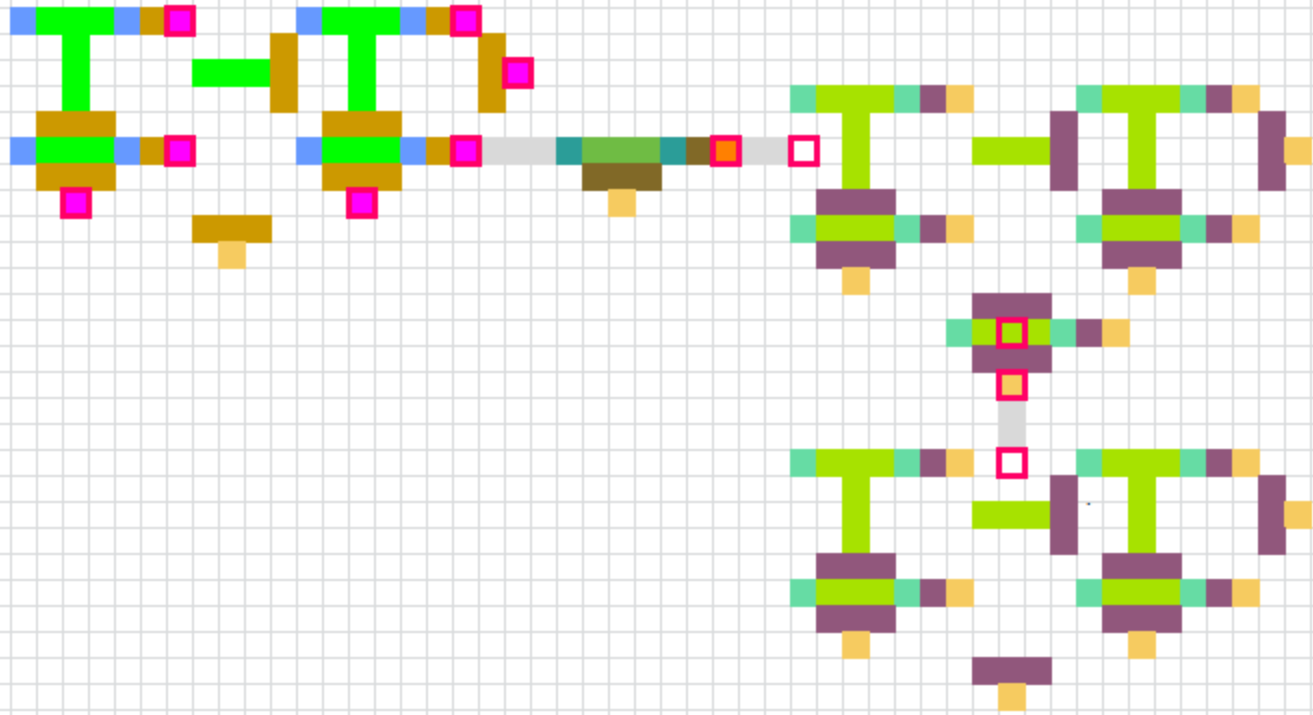
$$((n^3(n^{3n}))^4(n^{5n}))^{5n}$$



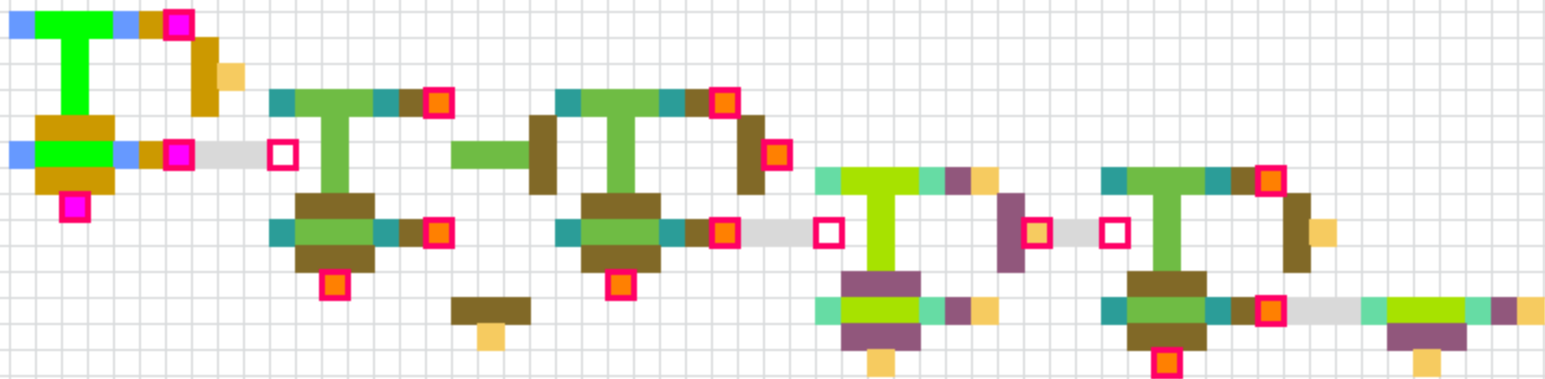
$$(((n^{5n})^{4n})^3(n^{4n}))^{5n}$$



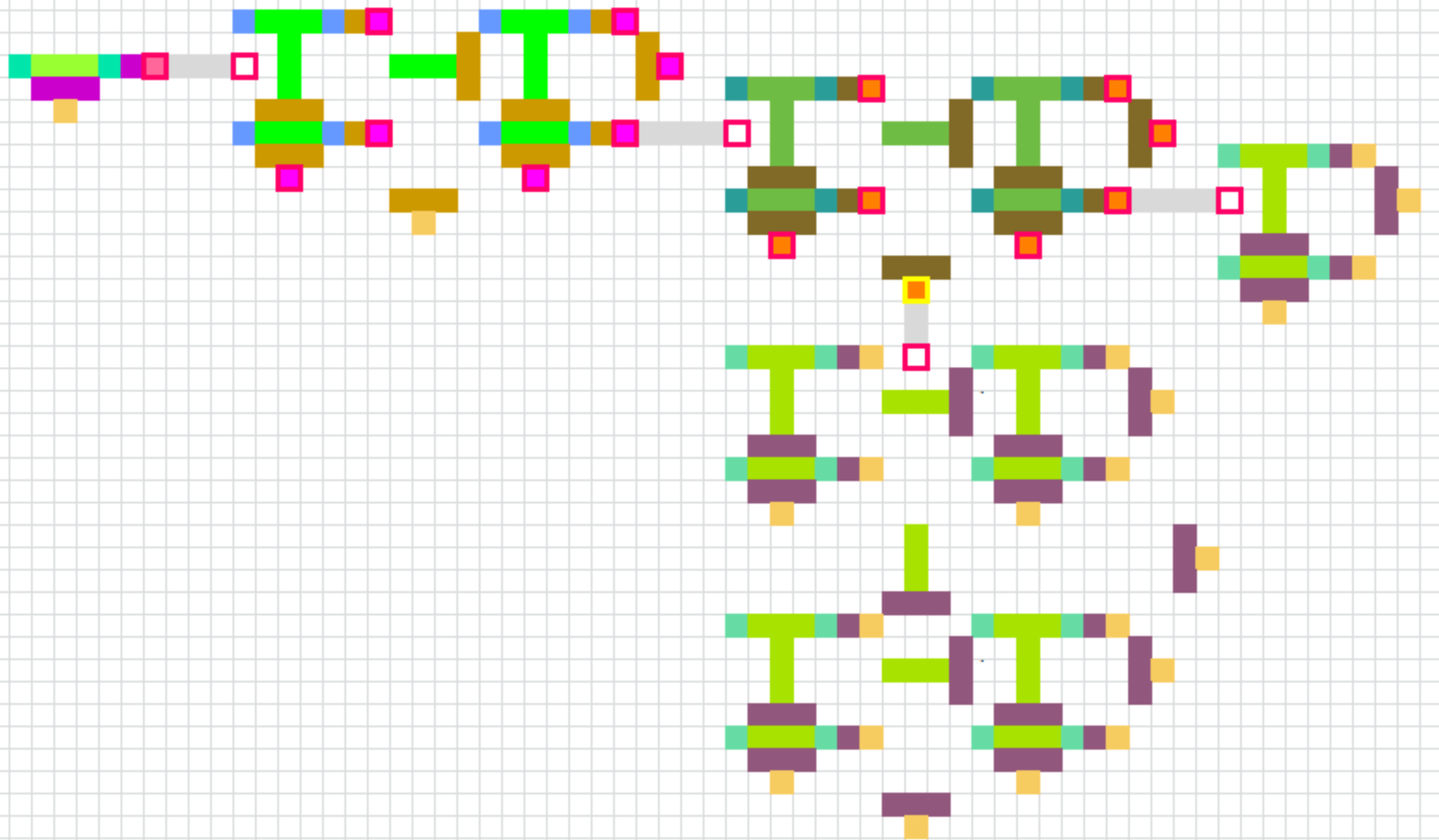
$$((n^5(n^3(n^5n)))^3n)^5n$$



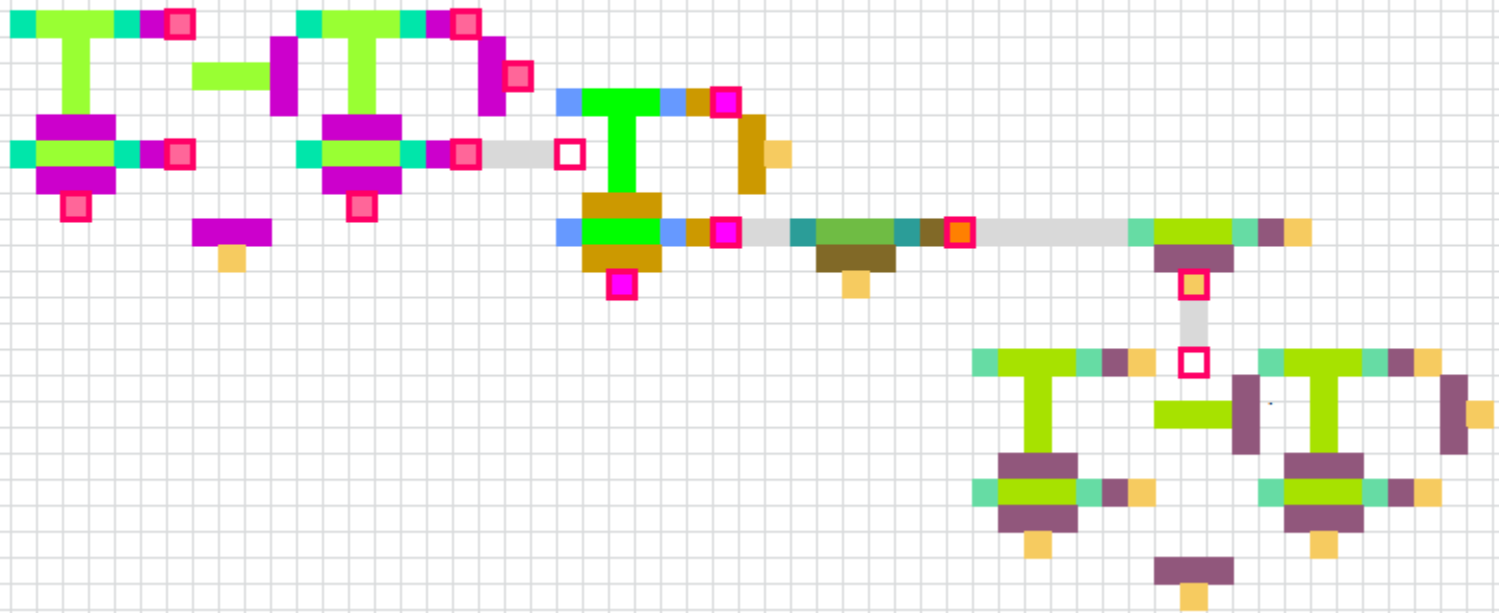
$$((n^4((n^3n)^{4n}))^{5n})^{4n}$$



$$(((n^{4n})^{5(n^{6n})})^{5n})^{3n}$$



$$(((n^3(n^{5n}))^{3n})^{4n})^{5n}$$



$$((((n^{5n})^{4n})^{3n})^{3n})^{3n}$$







